CATALOG 786

MILWAUKEE HEAVY-DUTY ELECTRIC TOOLS

FOR CONTRACTORS AND INDUSTRY

A★A★A
AAA SAW & TOOL SERVICE & SUPPLY CO.
MACHINERY ● ACCESSORIES ● MILL SUPPLIES
1401—07 WASHINGTON BOULEVARD CHICAGO, ILL. 60607
TELEPHONE (312)—738-4100

Milwaukee®

A SUBSIDIARY OF
Amstar
CORPORATION

SOLD BY

MILWAUKEE ELECTRIC TOOL CORP. 13135 W. LISBON RD. BROOKFIELD, WI 53005
PHONE: (414) 781-3600 TELEX NO. 910-262-3043 METCO BKFD
MILWAUKEE ELECTRIC TOOL (CANADA) LTD. 755 PROGRESS RD.
SCARBOROUGH, ONTARIO M1H 2W7 PHONE: (416) 439-4181

Litho in U.S.A.

NEW VARIABLE SPEED SAWZALL® SEE PAGE 54

Two Speed Ranges
0 to 2400 and 0 to 1700 Strokes per Minute

NEW 10 GAUGE NIBBLER " " 101

1000 Strokes per Minute, Powerful 10 Gauge Capacity

NEW ELECTRIC CHAIN SAW " " 68

Powerful 2.25 H.P. Motor—Double Insulated
16" Bar, 1850 Feet per Minute Chain Travel

NEW 7-1/4" and 8-1/4" CIRCULAR SAWS " " 63

Powerful, 13 Amp Motor
Lightweight—11-1/2 lbs.
Airflow Directs sawdust away from Line of Cut

NEW 13 AMP SANDER " " 84

FAST SANDING—Double Insulated
Powerful 2.25 H.P. 13 Amp.
6000 R.P.M. Model

NEW 15 AMP SANDERS " " 82

"CONTROLLED START" or "ON/OFF AC/DC SWITCH"
Powerful 3.5 H.P. 15 Amp. 5000 R.P.M. Models, 6000 R.P.M. Models

NEW 1/4", 3/8" and 1/2" HOLE-SHOOTERS " " 10

Trigger Speed Control/Reversing
0 to 4000 R.P.M., 0 to 1700 R.P.M. and 0 to 650 R.P.M.

NEW PROFESSIONAL LIFTING TOOLS " " 111

Wide Variety of Electric, Hand Chain, Lever Hoists
and Adjustable Trolleys
Rated Loads from 1/4 to 6 Tons

NEW 3/8" HAMMER-DRILLS " " 44

Trigger Speed Control/Reversing
0 to 2500 R.P.M. 0 to 50,000 Blows per Minute

NEW CORDLESS 3/8" DRIVER/DRILL " " 19

Variable Speed/Reversing
New Electronic Feed back System
1 Hour Fast Charge.....Outstanding Value

NEW HEAT GUN " " 109

Variable Temperature Selection: 212°F to 1000°F

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NOTE

FOR YOUR CONVENIENCE, A QUICK REFERENCE LIST OF MILWAUKEE REPLACEMENT PARTS IS AVAILABLE FOR ALL TOOLS SHOWN IN THIS CATALOG: See your local MILWAUKEE DISTRIBUTOR or MILWAUKEE SERVICE CENTER.

Milwaukee

MILWAUKEE ELECTRIC TOOL CORPORATION

CORPORATE OFFICE:
13135 W. LISBON RD.
BROOKFIELD, WI 53005
PHONE: (414) 781-3600
TELEX NO. 910-262-3043 METCO BKFD

DISTRIBUTION CENTER:
MILWAUKEE
DISTRIBUTION CENTER, INC.
OLIVE BRANCH, MISSISSIPPI

MANUFACTURING FACILITIES:
BROOKFIELD, WISCONSIN
JACKSON, MISSISSIPPI
BLYTHEVILLE, ARKANSAS

CANADIAN SUBSIDIARY
SCARBOROUGH, ONTARIO

WARRANTY: Every MILWAUKEE Tool is thoroughly inspected and tested before leaving the factory. Should any trouble develop, return the complete tool prepaid to the Factory, Branch or nearest Authorized MILWAUKEE Service Station. If inspection shows the trouble is caused by defective workmanship or material, all repairs will be made without charge and the tool will be returned, transportation prepaid.

This warranty does not apply where: (1) repairs or attempted repairs have been made by persons other than Factory, Branch or Authorized Service Station personnel; (2) repairs are required because of normal wear; (3) the tool has been abused or involved in an accident; (4) misuse is evident such as caused by overloading the tool beyond its rated capacity; (5) the tool has been used after partial failure or (6) the tool has been used with an improper accessory. No other warranty written or verbal, is authorized.

WARRANTY/SERVICE: For service/warranty on "Portable Electric Tools" use the nearest MILWAUKEE Branch Office/Service Center or Authorized MILWAUKEE "Portable Electric Tools" Service Station listed.

For service/warranty on "Professional Lifting Tools" (Hoists/Trolleys) use the MILWAUKEE Branch Office/Service Center or nearest Authorized MILWAUKEE "Professional Lifting Tools (Hoist)" Service Station listed.

This nationwide network of MILWAUKEE Branch Office/Service Centers and independent Authorized Service Stations located throughout the United States and Canada has been established to assure prompt, efficient service. They are staffed with factory trained personnel and an adequate inventory of replacement parts. Should the need arise, they are your source for MILWAUKEE service or warranty repair.

MILWAUKEE BRANCH OFFICES/SERVICE CENTERS

ARIZONA
PHOENIX 85004
405 E. Watkins St.
(602) 256-7210

CALIFORNIA
ANAHEIM 92801
1130 N. Magnolia St.
(714) 827-3970
(213) 624-7615
(213) 860-0349

S. SAN FRANCISCO 94080
179 Utah Ave.
(415) 583-8484
S.F.: (415) 761-2851

COLORADO
DENVER 80219
2650 W. Second Ave.
(303) 922-1163

FLORIDA
MIAMI 33122
8101 N.W. 33rd St.
(305) 592-0442

GEORGIA
(Atlanta)
CHAMBLEE 30341
2381 John Glenn Dr.
(404) 455-7300

ILLINOIS
(Chicago)
NILES 60648
5629 Howard St.
Chicago: (312) 539-9173
Niles: (312) 647-8407

LOUISIANA
(New Orleans)
HARAHAN 70123
5610 Jefferson Hwy.
(504) 733-8543

MASSACHUSETTS
(Boston)
NEWTON 02158
143 California St.
(617) 244-4483

MICHIGAN
(Detroit)
AUBURN HILLS 48057
1120 Doris Rd.
(313) 373-3800

MINNESOTA
(Minneapolis)
BLOOMINGTON 55435
4350 W. 78th St.
(612) 835-4910

MISSOURI
KANSAS CITY 64120
1506 N. Topping
(816) 241-7300

NEW YORK
(New York)
WOODSIDE 11377
27-07 Brooklyn-Queens
Expressway West
N.Y.: (718) 721-5151
N.J.: (201) 622-7752

OHIO
(Cincinnati)
SHARONVILLE 45241
11909 Tramway Dr.
(513) 733-3334

CLEVELAND 44125
7600 Wall St.
(216) 524-8040

PENNSYLVANIA
(Philadelphia)
BROOMALL 19008
388 Reed Rd.
(215) 544-5544
Phil.: (215) 528-6771

TEXAS
DALLAS 75247
400 W. Mockingbird Lane
(214) 637-4820

HOUSTON 77007
4801 Katy Freeway
(713) 861-4671

WASHINGTON
SEATTLE 98108
5419 Maynard Ave., S.
(206) 762-8430

WISCONSIN
(Milwaukee)
BROOKFIELD 53005
4057 N. 128th St.
(414) 781-0951

MILWAUKEE AUTHORIZED PORTABLE ELECTRIC TOOL SERVICE STATIONS—U.S.A.

ALABAMA
BIRMINGHAM 35233 ..... Power Tool Service, Inc., 1113 Fourth Ave., S. (205) 323-4311
HUNTSVILLE 35810 ..... Tool Service, 4214 Oakwood Ave. (205) 539-5604
MOBILE 36606 ..... Smith Power Tool Co., Inc., 2503 Commercial Park Dr. (205) 478-3335

ALASKA
ANCHORAGE 99503 ..... Alaska Tool & Equipment Service, 3207 Artic Blvd. (907) 562-6151
FAIRBANKS 99706 ..... Fairbanks Aero Services, Phillips Field (907) 479-6666
JUNEAU 99806 ... AC/DC Electrical Equip. Repair Inc., 10006 Crazy Horse Dr. (907) 789-9523

ARIZONA
PHOENIX 85014 ..... Glenns Tool Service, 4036 N. 13th Way (602) 264-6203
TUCSON 85719 ..... Electric Motor Co., 1028 E. Broadway (602) 622-8877

ARKANSAS
FORT SMITH 72901 ..... RAY Equipment & Supply Inc., 301 S. 10th St. (501) 783-8901
HOT SPRINGS 71901 ..... Arkansas Tool Service, Inc., 711 Belding (501) 321-9851
LITTLE ROCK 72209 ..... Air Power, Inc., 7123 I-30, Suite 41 (501) 565-4900
SPRINGDALE 72764 ..... Tri-Bar Tool & Supply Inc., 800 W. Sunset (501) 751-3502

CALIFORNIA
APPLE VALLEY 92307 Standard Elec. Works, 22000 Hwy. 18, P.O. Box 11343 (619) 247-8909
BAKERSFIELD 93308 ..... Electropower Inc., 3736 Gilmore Ave. (805) 322-1586
CAMPBELL 95008 ..... Railway Distributing, 264 Railway Ave. (408) 866-9266
CONCORD 94520 ..... Electric Euro Service, 1913 Salvio St. (415) 687-1442
EUREKA 95501 ..... Senn Electric, 1801 Fairfield St. (707) 443-0416
FRESNO 93721 ..... Kimmerle Bros. Inc., 337 M St. (209) 233-1278
LOS ANGELES 90034 ..... Bucknall Power Tool Service, 3728 Overland Ave. (213) 838-0271
MODESTO 95351 ..... Stanislaus Electric Motor Works, 504 River Road (209) 523-8269
NORTH HOLLYWOOD 91605 ... Bucknall Power Tool Service, 11910 Vose St. (818) 765-0228
OXNARD 93030 ..... Electric Motor Service, 200 E. 5th St. (805) 483-4233
REDDING 96001 ..... Barnett Supply Co. Inc., 3541 S. Market St. (916) 243-5536
SACRAMENTO 95819 ..... Sacramento Ind. Electric, 6325 Elvas Ave. (916) 452-2828
SAN DIEGO 92110 ..... Star Tool & Supply Co., 1028 Buenos Ave. (619) 275-2500
SANTA CLARA 95050 ..... General Electric Tool Repairs, 364 Martin Ave. (408) 727-4454
SANTA MARIA 93434 ..... Lahr Electric Motors, Inc., 119 Mill (805) 922-8326
SANTA ROSA 95401 ..... Acme Electric Tool Repair, 742 Wilson St. (707) 546-5862

COLORADO
AVON 81620 ..... Tool Clinic, 41000 Hwy. 6, Bldg. 3, Unit 3 (303) 949-6282
BOULDER 80301 ..... Rental City Inc., 3050 Walnut St. (303) 449-2050
COLORADO SPRINGS 80905 Central Colorado Tool Serv., 525 W. Colorado Ave. (303) 635-8615
FORT COLLINS 80522 ..... Constr. Rental & Sales, 219 N. Summit View Dr. (303) 482-9523
FORT COLLINS 80524 ..... A-Z Power Equipment Center, 1540 Riverside Dr. (303) 482-9913
GRAND JUNCTION 81501 Cross Electric Tool Service, 1801 I-70 Business Loop (303) 245-3158
MONTROSE 81401 ..... Berquist Electric, 26 S. Stough (303) 249-9059

CONNECTICUT
BERLIN 06037 ..... Portable Power Tool Repair, Inc., 873 Farmington Ave. (203) 828-8149
EAST HARTFORD 06108 ..... Heldmann Tool Supply, Inc., 75 Charles St. (203) 289-2727
NEW HAVEN 06512 ..... New Haven Electric Machine, 190 Fulton Terrace (203) 469-1323

FLORIDA
DAYTONA BEACH 32014 ..... C & C Sales & Repair, 863 Mason Ave. (904) 253-5815
FORT LAUDERDALE 33334 ..... Broward Tool Repair, 3547 N. Dixie Hwy. (305) 566-4114
HOLLYWOOD 33023 ... National Tool Supply, 5725 W. Hallandale Beach Blvd. (305) 963-7222
JACKSONVILLE 32220 ..... Quality Tool Repair & Sales, 2292 Edison Ave. (904) 354-4774
LAKE PARK 33403 ..... Action Bolt & Tool Co., 212 Newman Rd. (305) 845-8800
MIAMI 33150 ..... Skyproducts, 10035 N.W. 7th Ave. (305) 759-8665
NORTH FORT MYERS 33903 ..... Preshers Servicenter, 1349 Pondella Road (813) 574-2540
OAKLAND PARK 33334 ... I.M.A. Tool Distributor, 211 E. Oakland Park Blvd. (305) 566-2117
ORLANDO 32806 ..... Florida Electric Motor Service, 1128 Atlanta Ave. (305) 425-8160
PENSACOLA 32501 .... M & W Electric Motor Service, 1250 Barrancas Ave. (904) 433-0400
TALLAHASSEE 32304 Contractor & Inds. Tool & Sply., 3958 W. Pensacola St. (904) 575-9642
TAMPA 33604 ..... Electrical Repairs Inc., 7802 N. Florida Ave. (813) 238-1537
VERO BEACH 32960 ..... Atco Tool Supply, Inc., 1785 Old Dixie Hwy. (305) 569-0326
WEST PALM BEACH 33405 ..... Power Tool Inc., 5101 Georgia Ave. (305) 588-1258

GEORGIA
ALBANY 31701 ..... Mid-South Tool & Equipment, Inc., Hwy. 82 West (912) 435-0084
ATLANTA 30313 ..... Power Tool Service Co., 249 Simpson St. N.W. (404) 524-0202
COLUMBUS 31904 ..... Rental Service Co., 1747 Warm Springs Rd. (404) 327-7407
MACON 31202 ..... Bass Tool & Industrial Supply, 1034 Second St. (912) 745-1117
SAVANNAH 31402 ..... Morgan's Inc., 110 Ann St., Box 308 (912) 234-2271
SAVANNAH 31402 ..... White Hardware Co., 102 W. Congress St. (912) 236-7542
VALDOSTA 31601 ..... Miller Hardware Co., 104 S. Lee St. (912) 242-3910

HAWAII
HILO 96720 ..... Hawaii Planing Mill Ltd., 380 Kanoelehua Ave. (808) 935-0875
HONOLULU 96813 ..... Central Services & Sales Inc., 687 Auahi St. (808) 536-2255

IDAHO
BOISE 83704 ..... K C Supply, 814 N. Manville (208) 342-4801
COEUR d' ALENE 83814 .. Coeur d' Alene Tool Repair, 4029 Government Way (208) 765-1913
IDAHO FALLS 83401 ..... Rossiter Electric, 1501 S. Capital (208) 529-3665

ILLINOIS
BLOOMINGTON 61701 ..... The Struck Co., 1106 E. Bell St. (309) 827-4691
CHICAGO HEIGHTS 60411 ..... H-J Service Co., 1245 Halsted St. (312) 756-2123
DECATUR 62525 ..... Miller Industrial Supply Co., 1695 N. 21st St. (217) 428-7787
MC COOK 60525 ..... Recco Tool and Supply, 8805 Joliet Rd. (312) 442-7850
MOLINE 61265 ..... Aggregate Equipment & Supply Co., 2221 Fifth Ave. (309) 797-2692
MORTON 61550 ..... Morton Electro-Mech, Inc., 1050 W. Jefferson (309) 266-6653
PEORIA 61602 ..... C & H Repair Co., 2313 S.W. Adams St. (309) 676-3333
SPRINGFIELD 62701 ..... R. W. Bradley Supply Co., 403-05 N. Fourth St. (217) 528-8438

INDIANA

EVANSVILLE 47730	Ram Supply Co., Inc., 1301 W. Franklin	(812) 424-7988
FORT WAYNE 46805	Wagner Electric of Fort Wayne, 3610 N. Clinton St.	(219) 484-5532
FORT WAYNE 46825	Mill Supplies, Inc., 5105 Industrial Road at Ley Road	(219) 484-8566
INDIANAPOLIS 46203	Anderson Bros. Tool Repair, 3531 Southeastern Ave.	(317) 356-6381
LA PORTE 46350	Kor-It Sales, 2045 N. County Road, 150 E.	(219) 326-1851

IOWA

CEDAR RAPIDS 52404	Jims Appliance Service, 901 Ninth St. S.W.	(319) 364-0277
DAVENPORT 52802	Five Cities Tool Service Inc., 921 S. Rolff	(319) 322-7068
DES MOINES 50317	Electrical Eng. & Equip. Co., 1808 Delaware St.	(515) 282-0431
DES MOINES 50317	Iowa Industrial Products Inc., 2600 Delaware	(515) 265-4281
DUBUQUE 52001	Panels Unlimited Co., Rt. 2, Hwy. 20 West	(319) 583-4311
SIOUX CITY 51101	Mid-City Electric Motors & Tools, 507 Iowa St.	(712) 255-1836

KANSAS

DODGE CITY 67801	Dalton Brothers, Inc., 1110 S. 14th	(316) 227-2793
GARDEN CITY 67846	Mid-West Electric & Motor Shop, 1620 Jones Ave.	(316) 275-6306
TOPEKA 66608	R & K Supply Inc., 110 E. Gordon	(913) 232-7731
WICHITA 67203	Wichita Air & Hydraulic Service, Inc., 2002 W. 2nd	(316) 267-1275

KENTUCKY

LEXINGTON 40508	City Electric Motor Shop, 631 Kennedy Rd.	(606) 252-4751
LOUISVILLE 40217	Tool Repair Service, 1200 Goss Ave.	(502) 635-6888
PADUCAH 42001	Warden Electric Co., 604 N. 7th St.	(502) 443-4622

LOUISIANA

HARAHAN 70123	Service Tool & Supply, 5480 Mounes St.	(504) 733-4744
NEW ORLEANS 70153	Beerman Precision Inc., 4206 Howard Ave.	(504) 486-9391

MAINE

BANGOR 04401	N.H. Bragg & Sons, 92 Perry Road	(207) 947-8611
PORTLAND 04101	Maine Tool & Supply, 203 Anderson St.	(207) 774-7319
PRESQUE ISLE 04769	Welding Supply Co., 46 Industrial St.	(207) 764-6511
WESTBROOK 04092	Stultz Electric Motor Systems, Inc., 25 Bridge St.	(207) 854-2501

MARYLAND

BALTIMORE 21224	Tool Repair Unlimited, 7984 Baltimore St.	(301) 288-0880
COLUMBIA 21045	Toolco, 9051 M, Red Branch Rd.	(301) 995-3842
FREDERICK 21701	M & M Electric Motor Repair, 702 East St.	(301) 663-1100
GAITHERSBURG 20876	Standard Supplies Inc., 17 Chestnut St., Box 550	(301) 948-2690
TAKOMA PARK 20012	Turner Electric Co., 201 Ethan Allen Ave.	(301) 270-6800
TOWSON 21204	Duran Service Co., 8741 Mylander Lane	(301) 321-9033

MASSACHUSETTS

ALLSTON 02134	Service Sales Corp., 442 Cambridge St.	(617) 254-2444
EVERETT 02149	Panda Electrical Service, 165 Main St.	(617) 389-1442
FALL RIVER 02721	Burns Power Tools, 350 Mariano S. Bishop Blvd.	(617) 675-0381
HOLYOKE 01040	Reliance Electric Service, 573 S. Canal St.	(413) 533-3557
NORWELL 02061	J & B Power Equipment Co., 5 Grove St.	(617) 878-1103
PLYMOUTH 02360	Colony Tool Supply, Nick's Rock Rd.—Plymouth Ind. Pk.	(617) 746-2219
SOMERVILLE 02145	Robi Tool Sales Inc., 160 Broadway	(671) 776-1234
WEST MEDFORD 02155	Allied Tool Inc., 454 High St., Rt. 60	(617) 395-0390
WOBURN 01888	Star Sales & Distr. Corp., 29 Commerce Way	(617) 933-8830
WOBURN 01888	Sutton Electric Tool Service, 7 Cedar Dr.	(617) 935-1664

MICHIGAN

ESCANABA 49829	B & B Tool Service & Supply, 1650 17.4 Road	(906) 786-0512
GRAND RAPIDS 49509	J. T. Hoeksema Co., 2499 28 St. S.W.	(616) 538-1870
KALAMAZOO 49001	Kalamazoo Electric Motors, 658 E. Vine	(616) 345-7802

MINNESOTA

DULUTH 55806	Diamond Drilling Supply Co., 2916 W. First St.	(218) 628-3671
GRAND RAPIDS 55744	The Motor Shop, 17 County Road 63	(218) 326-4091
MOORHEAD 56560	Horvick Electric Motor Co., 303-307 Main Ave.	(218) 233-1566
ST. PAUL 55101	Reeds Sales & Service, 1260 Payne Ave.	(612) 774-9515
WILLMAR 56201	Central Contractor Supply, 605 Lakeland N.E.	(612) 235-5151
WILLMAR 56201	Northern States Supply Inc., P.O. Box 1057—Industrial Park	(612) 235-0550

MISSISSIPPI

JACKSON 39204	Flannigan Electric Co., Inc., 1820 S.W. St. Ext.	(601) 354-2756
JACKSON 39209	Walker-Jones Equipment Inc., 4330 Hwy. 80 West	(601) 354-1500

MISSOURI

JOPLIN 64801	Electric Motor Supply Inc., 2301 W. 20th St.	(417) 623-4544
KANSAS CITY 64108	Heath Sales & Service Inc., 518 E. 16th St.	(816) 421-3330
ST. LOUIS 63139	P M Electric Co., Inc., 5280 Fyler Ave.	(314) 351-4550
ST. PETERS 63376	Tool Service Center, 89 Algama Court	(314) 928-7678
SPRINGFIELD 65802	Middle Earth Air & Electric Co., 1663 St. Louis St.	(417) 831-0954

MONTANA

BILLINGS 59101	Teds Electric Service, 133 Moore Lane	(406) 259-6418
MISSOULA 59806	Electro Service Center, 1919 Harve	(406) 549-4115

NEBRASKA

GRAND ISLAND 68802	Gifco Tools & Fasteners, 363 N. Elm St.	(308) 382-1670
LINCOLN 68501	The Tool House of Henkle & Joyce, 800 Q St.	(402) 476-6673
NORTH PLATTE 69101	Knapp Electric, 1900 E. Fourth St.	(308) 532-4840
OMAHA 68127	All Makes Tool Service, 8914 H St.	(402) 592-1230
OMAHA 68127	The Tool Hospital, 4630 S. 85 St.	(402) 592-5220
SCOTTSBLUFF 69361	Contractors Materials, Inc., 604 S. Broadway	(308) 632-5631

NEVADA

CARSON CITY 89701	Bilbo Tool Co., 2601 E. 5th St.	(702) 883-5256
LAS VEGAS 89109	Tool Services Inc., 3229 Industrial Rd.	(702) 734-9161
SPARKS 89431	Industrial Electric, 340 B Kresge Lane	(702) 331-1032

NEW HAMPSHIRE

NASHUA 03061	Hammar Industrial Supply, 175 Amhurst	(603) 882-5161

NEW JERSEY

CLIFTON 07011	The Tool Box, 119 Lakeview Ave.	(201) 340-7652
FAIRLAWN 07410	Bergen County Motor & Tool, 17 16 River Rd.	(201) 796-3006
GLOUCESTER CITY 08030	Industrial Services & Supply, 502 S. Broadway	(609) 456-0336
KENILWORTH 07033	Air & Electric Tool Service, 215 N. Eighth St.	(201) 272-5567
POMPTON PLAINS 07444	Riverdale Tool Co., Inc., 352 Route 23 N.	(201) 831-0621
RIVERDALE 07457	Riverdale Tool Co. Inc., Route 23N 74A	(201) 831-0621
TRENTON 08619	Tool Repair Inc., 61 2nd Ave.	(609) 586-8074
TRENTON 08638	Sinclair Industrial Supply Co., 93 Second Ave.	(609) 586-3300

NEW MEXICO

ALBUQUERQUE 87107	Telco Electric Inc., 2906 Fourth N.W.	(505) 345-2426
ALBUQUERQUE 87108	J-M Tool Repair Co., 320 Florida S.E.	(505) 255-2304
FARMINGTON 87401	Southwest Power Tool, 134 W. Butler Ave.	(505) 327-4773
LAS CRUCES 88001	Chucks Electric Motor Inc., 240 N. Mesquite St.	(505) 526-9214

NEW YORK

ALBANY 12206	Albany Burner Control, 20 Colvin Ave.	(518) 459-8856
BINGHAMTON 13904	Hulbert Electric Inc., 78 Travis Ave.	(607) 724-3968
BUFFALO 14207	Richter Electric Motor Repair, 2010 Niagara St.	(716) 873-1600
KINGSTON 12401	Fowler & Keith, 104 Smith Ave.	(914) 331-0004
PORT CHESTER 10573	Pelham Tool Co. Inc., 21 Abendorth Ave.	(914) 937-1771
RIVERHEAD 17901	Riverhead Electric Tool, 523 Pulaski St.	(516) 727-5510
ROCHESTER 14608	Jackson Saw & Knife Co. Inc., 517 State St.	(716) 546-7485
ROCHESTER 14609	O. G. Schwarz Co., 430 Atlantic Ave.	(716) 482-9282
SCHENECTADY 12303	Barrett Electric Service Inc., 112 Henry St.	(518) 374-4416
SYRACUSE 13204	Ramsing Electric Repairs, 914 Emerson Ave.	(315) 468-1712
UTICA 13503	McQuade & Bannigan Inc., 1300 Stark St.	(315) 724-7119
WEST ISLIP, L.I. 11795	Sunrise Tool Service, 124 Sunrise Hwy.	(516) 661-5548

NORTH CAROLINA

CHARLOTTE 28206	Portable Tool Service, 3209 Cullman Ave.	(704) 332-8337
GREENSBORO 27407	Tool & Equipment Service Co., 825 Norwalk St.	(919) 294-1544
RALEIGH 27601	Specialty Tool Service, Inc., 2420 Atlantic Ave.	(919) 833-5903
WINSTON SALEM 27115	Power Tool Sales & Service, 150 Kapp St.	(919) 724-5536

NORTH DAKOTA

GRAND FORKS 58201	Acme Electric Motor Inc., 1705 13th Ave. N.	(701) 746-6481

OHIO

CINCINNATI 45210	Cincinnati Electric Repair, 2023 Elm St.	(513) 621-2183
COLUMBUS 43222	Alban Equipment Co., 1825 McKinley Ave.	(614) 279-6352
DAYTON 45403	M & R Electric Motor Service, 1516 E. Fifth St.	(513) 222-6282
TOLEDO 43613	Electric Tool & Equipment, Inc., 3156 Upton Ave.	(419) 474-7537
YOUNGSTOWN 44509	Power Tool & Supply Co., 3699 LeHarps Dr.	(216) 792-1487
YOUNGSTOWN 44512	Moff-Master Power Tools, 5228 Market St.	(216) 783-2130

OKLAHOMA

BROKEN ARROW 74012	Tulsa Tool & Repair Inc., 13102 E. 71 St.	(918) 252-0011
OKLAHOMA CITY 73108	Commercial Tool Repair, 340 S. Vermont	(405) 947-2226
TULSA 74145	American Tool Service & Repair, 8702 E. 43 St.	(918) 665-9420

OREGON

BEND 97708	Central Oregon Welders Supply, Inc., 101 N.E. Greenwood Ave.	(503) 382-2362
EUGENE 97402	Jims Tool Service, 515 Wilson St.	(503) 344-1243
EUGENE 97402	Mercury Equipment Inc., 2060 W. Seventh Place	(503) 484-0514
KLAMATH FALLS 97601	Sixth Street Steel, 2521 S. Sixth St.	(503) 882-6391
MEDFORD 97501	Kens Saw Shop, 1838 Delta Waters Rd.	(503) 779-1490
MEDFORD 97504	Precision Power Tool Repair Inc., 3001 Crater Lake Ave.	(503) 770-5541
PORTLAND 97214	Chas. H. Day Co., Inc., 602 S.E. 11th	(503) 232-1659

PENNSYLVANIA

BETHLEHEM 18017	Albarell Electric Inc., 1523 Easton Ave.	(215) 691-8606
ERIE 16505	Knickerbocker Equipment Co., 3001 W. 17th St.	(814) 833-7761
MECHANICSBURG 17055	Power Tool Service, 34 W. Allen St.	(717) 697-8233
PITTSBURGH 15233	Snyder Electric Co., 1500 Chateau St.	(412) 231-3100
READING 19605	Reading Electric Motor Service, 4029 Pottsville Pike	(215) 929-5777

PUERTO RICO

RIO PIEDRAS 00929	Ramelco Inc., 65th Infantry Station	(809) 751-0131

RHODE ISLAND

WARWICK 02888	Babine Electric Service, 315 Jefferson Blvd.	(401) 738-0333

SOUTH CAROLINA

CHARLESTON 29411	Charleston Supply Co., King St. Extension	(803) 722-8851
COLUMBIA 29203	Mann Electric Repair, Inc., 3600 Main St.	(803) 252-7777
GREENVILLE 29602	Service Repair Co., 15 Hyde St.	(803) 242-5893

SOUTH DAKOTA

ABERDEEN 57401	J. B. Center, 710 Sixth Ave., S.W.	(605) 229-5284
RAPID CITY 57702	Tracy Tool Repair, Inc., Rural Route 4, Box 360	(605) 343-3011
SIOUX FALLS 57103	Electric Motor Repair, 927 E. 8th St.	(605) 336-3020

TENNESSEE

CHATTANOOGA 37404	Dixie Industrial Service, Inc., 2108 E. Main St.	(615) 698-8063
KNOXVILLE 37914	Electric Service Co., 3914 McCalla Ave.	(615) 524-8607
MEMPHIS 38104	Southern Electric Co., 812 Porter St.	(901) 774-4651
NASHVILLE 37210	Hermitage Tool Inc., 947 Fourth Ave. S.	(615) 254-0820

TEXAS

AMARILLO 79105	Tri-State Rental & Supply, 2100 E. 10th St.	(806) 379-6877
AMARILLO 79107	G. E. Jones Electric Co., 208 14 N. Polk	(806) 372-5505
AUSTIN 78758	The Tool Box, 9904-A Gray Blvd.	(512) 836-5483
BEAUMONT 77701	Newton Rental Tool & Hardware, 530 Mariposa St.	(409) 835-3979
BRYAN 77801	Bailey Oxygen & Tool Co., 812 S. Bryan St.	(713) 779-7154
CONROE 77305	Moore Bros. Lumber Co., 940 S. Fraizer	(409) 756-4476
CORPUS CHRISTI 78408	Electric Motor Service, 838-D S. Padre Island Dr.	(513) 851-1980

TEXAS continued

EL PASO 79925	Dorman Engineering, 1160 Airway	(915) 779-3721
FORT WORTH 76111	Modern Tool Repair, 2704 E. Belknap	(817) 834-1111
LONGVIEW 75607	Sobol Welders Supply Co., 1410 F-M Rd. 1845	(214) 757-3800
LUBBOCK 79405	Lubbock Electric Co., 1108-34th St.	(806) 744-2336
MIDLAND 79701	Midland Tool Specialty, 918 South Main	(915) 682-4647
SAN ANGELO 76902	Angelo Tool Co., 914 Arroyo Dr.	(915) 944-8258
SAN ANTONIO 78205	Electric Motor Service & Sales, 1514 E. Commerce St.	(512) 226-3462
TEXARKANA 75501	Ray's Electric Motor Repair, 109 Bertha St.	(214) 792-7031
WESLACO 78596	Weslaco Tool Repair, 316 E. 4th St.	(512) 968-9156

UTAH

LOGAN 84321	Glenns Electric Motor & Supply, 501 Main St.	(801) 752-4178
SALT LAKE CITY 84104	Diamond Electric Motor, 1465 S. Second W.	(801) 484-4325
SALT LAKE CITY 84115	Electric Motor Supply Co., 1773 S. 300 W.	(801) 486-7564

VERMONT

SOUTH BURLINGTON 05401	Burlington Rent-All, 23 San Remo Dr.	(802) 658-4131

VIRGINIA

HARRISONBURG 22801	G.L.S. Tool Clinic, 210 Old 33	(703) 434-6151
NORFOLK, 23517	Bryan Electric Co., 424 W. 25th St.	(804) 625-0378
RICHMOND 23261	Staley Co., Inc., 2024 Chamberlayne Ave.	(804) 321-6595
ROANOKE 24013	Lloyd Electric Co., 605 Third St. S.E.	(703) 982-0135
WINCHESTER 22601	Winchester Electric Service, 443 Millwood Ave.	(703) 667-2040

WASHINGTON

ABERDEEN 98520	Electrical Apparatus Service, 621 W. State	(206) 533-4164
BELLINGHAM 98225	Power Tool Service, Inc., 1852 N. State St.	(206) 671-2110
CLARKSTON 99403	Wade Tool Service, 644 6th St., Unit F	(509) 758-5188
KENNEWICK 99336	Tool Repair Co., 419 A W. Entiat	(509) 586-6147
SPOKANE 99202	Spokane Power Tool, E. 801 Trent	(509) 489-4202
SPOKANE 99210	K & N Electric Motors, E. 611 Sprague	(509) 838-8000
SPOKANE 99220	Safway Supply Inc., 1507 E. Sprague	(509) 535-9841
TACOMA 98409	Center Electric Inc., 1212 S. 30th St.	(206) 383-4416
YAKIMA 98902	Cooper Electric Motor Service, 205 S. Fourth Ave.	(509) 452-9550

WEST VIRGINIA

CHARLESTON 25312	A-1 Rental Inc., 555 - 29th St. W.	(304) 744-6364

WISCONSIN

GREEN BAY 54305	Power Tool Service Co., 310 N. Webster Ave., Box 1343	(414) 437-2594
LA CROSSE 54601	Lackore Electric Motor Repair, 520 S. Third St.	(608) 782-7635
MADISON 53713	Jet Power Tool Repair Inc., 970 Jonathon Dr.	(608) 271-2315
RACINE 53404	Lakeshore Electric Company, Inc., 920 Wilson St.	(414) 634-5889
WAUKESHA 53186	Jensen Equipment Company, Inc., 831 Phillip Dr.	(414) 547-5548

WYOMING

EVANSTON 82930	J.C. Electric, 198 County Rd.	(307) 789-4650
GILLETT 82716	Contractors Supply, Inc., Hwy. 59 South	(307) 682-5153
MILLS 82644	Statewide Electric Co., Inc., 226 Van Horn Ave.	(307) 265-2567
ROCK SPRINGS 82901	Tool Repair Center, 580 Mesa Dr.	(307) 362-3931

MILWAUKEE AUTHORIZED PROFESSIONAL LIFTING TOOLS (HOISTS) SERVICE STATIONS, U.S.A.

ALABAMA

BESSEMER 35020	H & S Repair Service, 418 N. 20th St.	(205) 425-9541

CALIFORNIA

CERRITOS 90701	Continental Tools & Hoists, 11447 Beach St.	(714) 944-1412
FRESNO 93721	Kimmerle Brothers, Inc., 337 "M" St.	(209) 233-1278
PITTSBURG 94565	Advanced Hoist & Crane, 620 Garcia, Unit E	(415) 439-7874
SAN FRANCISCO 94103	Kimmerle Brothers, Inc., 226 11th St.	(415) 431-1163
SANTA FE SPRINGS 90670	Arrow Crane Hoist Corp., 12714 Carmenita Road	(213) 921-8328
SANTA FE SPRINGS 90670	Kimmerle Brothers, Inc., 12060 E. Florence St.	(213) 748-2171

COLORADO

DENVER 80204	Wazee Electric Co., 2020 W. Barberry Place	(303) 623-8658

FLORIDA

DANIA 33004	Material Handling Systems, 714 S.W. 4th Ct.	(305) 921-1171
KISSIMMEE 32741	J. Herbert Corp., 1751 S. Orange Blossom Trail	(305) 846-0588

GEORGIA

ALBANY 31707	Mid-South Tool & Equipment, Inc., Highway 82 West	(912) 435-0084
NORCROSS 30093	Ace Industries Inc., 6295 McDonough Dr.	(404) 441-0898

ILLINOIS

MELROSE PARK 60160	Sievert Electric Co., 2030 N. Janice Ave.	(312) 345-5300

INDIANA

INDIANAPOLIS 46225	Brehob Electric Equipment Inc., 1334 S. Meridian St.	(317) 632-4451

IOWA

DES MOINES 50313	A & B Electric Motor Service, 1727 Hull Ave.	(515) 265-8552

KENTUCKY

LOUISVILLE 40206	Advanced Material Handling Co., Inc., 1734 Mellwood Ave.	(502) 896-2166

LOUISIANA

WEST LAKE 70669	Dixie Supply, Inc., 3301 Cities Service Highway	(318) 882-6011

MARYLAND

BALTIMORE 21202	Industrial Electric Co., Inc., 707 S. Central Ave.	(301) 327-1150

MICHIGAN

LIVONIA 48151	Waldecker Equipment Co., 33346 Glendale Ave.	(313) 425-9210

MINNESOTA

MINNEAPOLIS 55411	Electric Motor Repair, Inc., 2010 N. 4th St.	(612) 522-3318

MISSOURI

KANSAS CITY 64108	Contractors Supply Co., 620 E. 18th St.	(816) 221-7788

NEBRASKA

OMAHA 68102	Thacker Electric Co., 2209 Cuming St.	(402) 341-2264

NEW JERSEY

NEWARK 07114	Lafayette Hoist & Crane, Inc., 182 Vanderpool St.	(201) 824-8336

NEW YORK

BUFFALO 14213	Volland Electric Equipment Co., 1511 Niagara St.	(716) 884-2713
LONG ISLAND CITY 11103	Electric Motors Corp., 24-25 46th St.	(718) 721-1000
SYRACUSE 13211	Salmon Motor Repair Service, 110 Falso Dr., P.O. Box 68	(315) 455-7924

NORTH CAROLINA

CHARLOTTE 28208	Southern Electric Service, 2225 Freedom Dr.	(704) 372-4832
GREENSBORO 27405	Carolina Jack & Equipment Co., 3310 E. Wendover Ave.	(919) 375-6050

OHIO

CLEVELAND 44135	H & L Electric Co., 13224 Enterprise Ave.	(216) 267-9100
DAYTON 45414	Industrial Electric Motors, Inc., 5131 Webster St.	(513) 278-7355

OKLAHOMA

TULSA 74112	Gaffey, Inc., 6951 E. 12th St.	(918) 836-6827

OREGON

PORTLAND 97209	General Tool & Supply Co., 407 N.W. 17th Ave.	(503) 226-3411

PENNSYLVANIA

ABINGTON 19001	Repair Unlimited, 1730 Rockwell Road	(215) 657-3335
BROGUE 17309	Hatco International, Route 74 South	(717) 246-3666
PITTSBURGH 15215	Globe Electric Co., 200 23rd St.	(412) 781-2677

RHODE ISLAND

WOONSOCKET 02895	Electric Maint. & Eng. Works, Inc., 193 Railroad St.	(401) 762-3871

SOUTH DAKOTA

SIOUX FALLS 57101	Shakstad's Elec. & Mach. Works, 1400 Industrial Ave.	(605) 336-3090

TENNESSEE

MEMPHIS 38108	D.M.C. Hoist & Crane, 1401-1403 N. Willett St.	(901) 272-1015
MEMPHIS 38127	Hi-Speed Electrical Co., 3013 Thomas St.	(901) 357-6231
NASHVILLE 37210	Garrison Service Co., Inc., 719 3rd Ave. S.	(615) 254-1334

TEXAS

FORT WORTH 76117	Gaffey Inc., 4301 Garland Dr.	(817) 281-1994
HOUSTON 77002	Hydraulic Equipment Service, 1021 N. San Jacinto St.	(713) 228-4073

UTAH

SALT LAKE CITY 84115	Agutter Eng. & Sales Corp., 320 West 1700 South	(801) 486-0755

WASHINGTON

SEATTLE 98134	B & J Industrial Supply Co., 5601 First Ave. S.	(206) 762-4430

WISCONSIN

NEENAH 54956	Alferi Machine Shop, 346 Smith St.	(414) 722-6483

CANADIAN FACTORY SERVICE CENTRE

MILWAUKEE ELECTRIC TOOL (CANADA) LTD.
755 Progress Road, Scarborough, Ontario M1H 2W7
Phone: AREA CODE 416-439-4181 TORONTO TELEX NO. 06-963796

MILWAUKEE AUTHORIZED PORTABLE ELECTRIC TOOL SERVICE STATIONS — CANADA

ALBERTA

Calgary T2G 4C4	Air Electric Services Ltd., 422 Manitou Road S.E.	(403) 287-2456
Calgary T2G 4H2	Industrial Power Tool, 2312 Spiller St. S.E.	(403) 261-0780
Edmonton T6E 0C2	Bruce 'N' Company Power Tool Service Ltd., 9319-60 Ave.	(403) 435-3921
Edmonton T5K 1K7	Electrical Industries Ltd., 10136-111th Street	(403) 426-0865
Grand Prairie T8V 4E3	Bermar Rewind Ltd., 9609-109 Street	(403) 532-0818
Lethbridge T1J 0E3	Hagen Electric Ltd., 1202 2nd Ave. South	(403) 328-8826
Red Deer T4P 1M8	K & M Sharpening & Tool Repair Ltd., 1-7819-50 Avenue	(403) 346-4213

BRITISH COLUMBIA

Kamloops V2C 6G3	Kamloops Elec. Motor Sales & Ser. Ltd., 1260 Delhousie Dr.	(604) 372-9822
Kelowna V1Y 2K5	Thompson Electric Motor Service Ltd., 1090 Richter Street	(604) 762-3136
Nanaimo V9R 5E5	Solar Electric Repairs (1981) Ltd., 20 Cliff Street	(604) 753-1731
Prince George V2L 3C5	Armature Electric Ltd., 774-3rd Avenue	(604) 564-3241
Vancouver V5Y 1G8	Armature Electric Ltd., 275 West 4th Street	(604) 879-6141
Victoria V8W 1M1	A.B.C. Electric, 831 Yates Street	(604) 382-7221

MANITOBA

Winnipeg R3G 3K4	Westburne Industrial Ent Ltd., 1300 St. Matthews Ave.	(204) 786-7861
Winnipeg R3B 1K8	Western Elev. & Motor Co., Ltd., 123 Princess Street	(204) 943-3531

NEW BRUNSWICK

Fredericton E3B 3L4	Electric Motor Service Ltd., 129 Westmorland Street	(506) 454-6633
Moncton E1C 8H7	Moncton Electric Motor Service Ltd., 345 Collishaw Street	(506) 382-9407
Saint John E2J 2B4	John A. Kennedy & Co. Ltd., 181 Rothesay Blvd.	(506) 652-6460

NOVA SCOTIA

Dartmouth B3A 1A5	Fader Agencies, 83 Shore Road	(902) 466-2333
Halifax B3K 1K5	Industrial Electronic Ser. & Supply Co., 5687 Charles Street	(902) 423-6035

ONTARIO

Belleville K8N 4V1	Emsco Limited, 57 Cannifton Rd.	(613) 966-3230
Hamilton L8H 5X2	Apollo Tool Repair & Sales, 180 Parkdale Ave. N.	(416) 544-5202

CANADA continued

Hamilton L8R 1L8	Dynes Electric Co., Ltd., 14 Walnut St. North	(416) 528-7967
Kingston K7K 4L9	Keith Hay Electric Ltd., 501 Frontenac Street	(613) 546-2263
Kitchener N2B 2E2	R.M.W. Electric Inc., 47A Shirley Ave.	(519) 744-1821
London N5W 4E3	A.C. Jenkins Electric Repair Co., 289 Ashland Ave.	(519) 451-4020
Mississauga L5T 1J6	Bertsch Power Tool Service Ltd., 1075 Meyerside Drive	(416) 677-7716
North Bay P1B 1W4	Glendrew Power Tools, 455 McCavghey Ave.	(705) 474-3431
Ottawa K1L 5L5	Allied Fastners & Supply Co., 72 Ste. Cecile St.	(613) 745-1571
Ottawa K1S 4N1	Grant Electric Ottawa Ltd., 401 Preston St.	(613) 236-9773
Owen Sound N4K 6J6	Construction Supply & Rentals Ltd., 1635-2nd Ave. E.	(519) 376-9880
Richmond Hill L4C 2Y2	C.A.F. Elec. Motor & Pump Repairs, 45-47 Industrial Rd.	(416) 884-8545
Sarnia N7T 2G6	Terry Cain Tool Repair, 133 Campbell Street	(519) 336-7000
Sault Ste. Marie P6A 5N2	North Star R & R Ltd., 25 Drive-In Road	(705) 942-4511
St. Catharines L2R 6Z4	Industrial Power Tools, 48 Scott St.	(416) 682-2855
Sudbury P3A 2T2	Northern Power Tool Centre Ltd., 747 Notre Dame Ave.	(705) 566-2001
Thunder Bay P7C 4V9	Mahon Electric Co. Ltd., 340 N. Waterloo Street	(807) 623-8471
Timmins P4N 2N4	Gils Electric Motor Repair Ltd., 395 Railway Street	(705) 267-7164
Toronto M6B 1G1	Castlefield Elec. & Saw Blade Co. Ltd., 1182 Castlefield Ave.	(416) 782-1600
Toronto M5A 3C8	Miller Air & Electric Co., Ltd., No. 7 Gilead Place	(416) 368-7966
Welland L3B 4W6	Burger Electric Motor Service Ltd., 60 Clark Street	(416) 734-6171
Weston M9L 2S2	Karl's Power Tool's Sales & Services Ltd., 162 Turbine Dr.	(416) 741-1336
Windsor N8W 3S8	Klinec Electric Services Ltd., 3702 Walker Road	(519) 969-2221

QUEBEC

DeBerger G1N 3Z6	Clinique D'Outillage M.P. Enr., 1884 Lafleur	(418) 527-1340
Drummondville J2C 4P5	Centre De L'Outil Drummond Enr., 482 Marchand	(819) 478-1109
Grandby J2G 7T1	Armatures Shefford Inc., 210 St. Urbain	(514) 375-1414
Jonquiere G7X 7W1	Jean Archard Ltee, 591 Boul. Harvey	(418) 547-4793
Montreal M2M 1R9	Inolec Inc., 8948 Lajeunesse	(514) 389-1394
Montreal H4A 2K5	Instrument Sales & Service, 2185 Hampton Ave.	(514) 481-8111
Quebec City G1N 4A7	Electro-Mecanik Inc., 445 Marconi	(418) 683-1724
Sept-Iles G4R 1L8	Ateliers Wood Inc., 361 Noel Ave.	(418) 962-6131
Sherbrooke J1G 1E4	Do-Mar Electrique Inc., 1136 King St. E.	(819) 563-2234
St. Leonard H1P 1J7	P.S.C. Montreal Inc., 6660 D.E. Lamarche	(514) 326-0650

SASKATCHEWAN

Regina S4R 2E5	Electric Motor Service Ltd., 1234 Scarth Street	(306) 525-5464
Saskatoon S7K 0W1	Ted's Power Tool Repair, 442-44th Street East	(306) 934-6155

HEAVY-DUTY ELECTRIC TOOLS

HIGHEST QUALITY MATERIALS AND WORKMANSHIP

AUTHORIZED SALES: MILWAUKEE Electric Tools are sold only through Authorized Distributors with experienced personnel to assist you in selecting the proper tools for your specific requirements. You derive a real advantage in buying from your MILWAUKEE Distributor. He not only maintains well balanced inventories of tools for immediate shipment, but places at your disposal the services of his trained and experienced personnel to advise you on special product applications. See "Yellow Pages" under "TOOLS — ELECTRIC" for the Milwaukee Distributor nearest you.

TESTED — LISTED: MILWAUKEE Heavy-Duty Tools bearing the monograms of Underwriters' Laboratories, Inc. or Canadian Standards Association are listed by their testing laboratories as having complied with their standards for safety. Continued compliance is assured by independent inspections by both agencies.

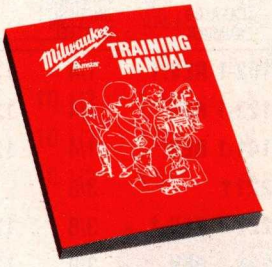
MILWAUKEE MOTORS: All MILWAUKEE motors are universal type which will run equally well on DC or AC (20 to 60 HZ) except those used on Bench Grinders, Water Pumps, Vacuum Pumps and Hoists. Tools with switches or controls requiring AC operation are indicated as "AC" or "AC Only" under the tool's specifications.

TRAINING MANUAL: A 237 page Training Manual packed with product knowledge of the portable electric power tool industry. Subjects deal with tool manufacture, electricity, safety, operation, and maintenance of an extensive line of power tools. Well illustrated to help any workman gain "in the field" tool operation experience. Simple understandable language that can be understood by persons new to the field of power tools. A "must" book for anyone who uses power tools.

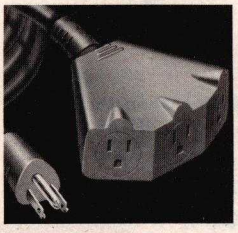
GENERAL INFORMATION: The Milwaukee Electric Tool Corporation reserves the right to make any changes in or improvements to its products without incurring any liability or obligation whatever and without being required to make any corresponding changes or improvements in products previously manufactured or sold.

INSTRUCTIONS: An instruction booklet is furnished with each MILWAUKEE Electric Tool. Please read it carefully for best care and performance. IMPORTANT — Pay particular attention to all safety precautionary measures before operating any power tool.

TRAINING MANUAL:
NO. 49-22-0120



TRIPLE TAP EXTENSION CORDS: When an extension cord is used, it should always be a 3 wire cord to permit proper grounding of the tool. As the distance from the supply outlet increases, heavier gauge extensions are required. The use of extension cords of inadequate size wire causes a serious drop in voltage, loss of power and possible motor damage. (See charts below.)



TRIPLE TAP EXTENSION CORDS:
Extra Heavy-Duty. Three Wire, grounded.

CATALOG NUMBER	LENGTH	GAUGE
48-76-0170	50′	12
48-76-0180	100′	12
48-76-0190	2′	12

WIRE SIZE		VOLTAGE DROP @ MAX. AMPS FOR GIVEN WIRE LENGTHS			
AWG.	MAX. AMPS	25′	50′	75′	100′
4	70	.87	1.74	2.60	3.48
6	55	1.08	2.17	3.25	4.35
8	40	1.25	2.51	3.87	5.03
10	30	1.50	3.00	4.50	6.00
12	25	1.98	3.97	5.95	7.95
14	18	2.27	4.55	6.82	9.10
16	13	2.65	5.22	7.84	10.45

NOTE: When selecting extension cord, voltage drop should not exceed 5 volts for the rated amps and length of cord required.

EXTENSION CORD CHART

Extension cord sizes chosen to assure a drop of not over 5 volts at rated load of tool.

Ampere rating (on Nameplate)	0-2.00	2.1-3.4	3.5-5.00	5.10-7.0	7.10-12.0	12.1-16.0	16.1-20.00	
Ext. Cable Length	WIRE SIZE							
25 Ft.	18	18	18	18	16	14	12	
50 Ft.	18	18	18	16	14	12	10	
75 Ft.	18	18	16	14	12	10	8	Not
100 Ft.	18	16	14	12	10	8	8	normally
150 Ft.	16	14	12	12	8	8	6	available
200 Ft.	16	14	12	10	8	6	4	as flexible
300 Ft.	14	12	10	8	6	4	4	extension
400 Ft.	12	10	8	6	4	4	2	cord.
500 Ft.	12	10	8	6	4	2	2	
600 Ft.	10	8	6	4	2	2	1	
800 Ft.	10	8	6	4	2	1	0	
1000 Ft.	8	6	4	2	1	0	0	

HEAVY-DUTY HOLE-SHOOTERS

SINGLE SPEED or TRIGGER SPEED CONTROL with REVERSING SWITCH

ALL BALL AND ROLLER BEARINGS
FOR HEAVY-DUTY INDUSTRIAL/CONSTRUCTION APPLICATIONS

1/4" 0102-1
0122-1
0141-1 **NEW**

3/8" 0221
0222-1
0228-1
0230-1 **NEW**

1/2" 0238-1 **NEW**

FEATURES

- Aluminum Gear Case and Diaphragm supplies greater support for shaft and bearings
- Heavy-Duty Industrial Chucks
- Powerful MILWAUKEE built Motor
- Trigger Speed Control Reversing Switches
- High Strength Impact Resistant Handles

SPECIFICATIONS

CATALOG NUMBER	CAPACITY (INCHES) IN STEEL	VOLTS	AMPS	SPEED (NO LOAD) RPM	GEAR TRAIN	SPINDLE DIAMETER AND THREAD	REPLACEMENT CHUCK CATALOG NO. (CHUCK KEY INCLUDED)	REPLACEMENT CHUCK KEY CATALOG NO.	LENGTH (INS.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
0102-1 REV.†	1/4	120 AC ONLY	3	0-2500	SINGLE	#1 J.T.*	48-66-0230	48-66-3200	8-3/8	3-1/2	4-1/2
0122-1 REV.	1/4	120 AC ONLY	3.3	0-2000	DOUBLE	#1 J.T.*	48-66-0230	48-66-3200	8-3/4	3-3/4	4-1/2
0141-1 REV.	1/4	120 AC ONLY	3.5	0-4000	SINGLE	3/8"-24	48-66-0070	48-66-3200	8-1/2	3-1/2	4-3/4
0221†	3/8	120 AC	3.3	650	DOUBLE	3/8"-24	48-66-0800	48-66-3080	9-1/2	4	5
0222-1 REV.†	3/8	120 AC ONLY	3.3	0-1000	DOUBLE	#2 J.T.*	48-66-0240	48-66-3080	9-1/2	4	5
0228-1 REV.	3/8	120 AC ONLY	3.3	0-1000	DOUBLE	3/8"-24	48-66-0795	48-66-3240	9-1/4	3-3/4	5
0230-1 REV.	3/8	120 AC ONLY	3.5	0-1700	DOUBLE	3/8"-24	48-66-0795	48-66-3240	9-1/4	3-3/4	5
0238-1 REV.	1/2	120 AC ONLY	3.5	0-650	DOUBLE	1/2"-20	48-66-1360	48-66-3280	10	4-1/4	5-1/2

STANDARD EQUIPMENT: Chuck Key and Rubber Flex Key Holder. Side Handle NO. 43-62-0875 included with 0238-1 only. † Not available in Canada. * Jacobs Taper Spindle.

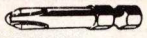
RUBBER FLEX KEY HOLDER
NO. 48-66-4040
FOR KEYS 48-66-3080, 48-66-3240 and 48-66-3280

NO. 48-66-4080
FOR KEY 48-66-3200

PLUG ADAPTER
NO. 48-03-0010

TYPE "E" GREASE
For All Drills
NO. 49-08-4121
1 LB. CAN

SCREWDRIVER BITS



2" long Bits with 1/4" hex shanks for driving #1, #2 and #3 Phillips screws.

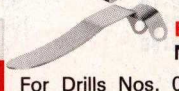
SCREW SIZE	CATALOG NUMBER
Phillips No. 1	**48-30-1510**
Phillips No. 2	**48-30-1520**
Phillips No. 3	**48-30-1500**

Bit and Finder 3-1/2" long with 1/4" hex shank for slotted head screws.

SCREW SIZE	CATALOG NUMBER
6F-8R	**48-30-2600**
8F-10R	**48-30-2625**
10F-12R	**48-30-2650**
12F-14R	**48-30-2675**
14F-16R	**48-30-2700**

SCREWDRIVER BIT SET
NO. 48-30-0100

Includes one each of Screwdriver Bits and Bit and Finders as shown in red at left. Also includes No. 48-32-2050 1/4" Sq. × 2" Socket Driver. For use with Trigger Speed Control Drills Nos. 0102-1, 0122-1, 0141-1, 0222-1, 0228-1, 0230-1 and 0238-1.



BELT CLIP
NO. 48-67-0100
For Drills Nos. 0141-1, 0228-1, 0230-1 and 0238-1 only. Attaches to top of drill for holding on belt or pockets.

STEEL CARRYING CASE
NO. 48-55-0711
For Pistol Drills and Screw-Shooters.
Overall size 13-1/2" long, 6" high and 8-3/4" wide.

ADDITIONAL ACCESSORIES ON PAGES 22 THRU 30

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY MAGNUM® HOLE-SHOOTERS

TRIGGER SPEED CONTROL with REVERSING SWITCH

ALL BALL AND ROLLER BEARINGS
FOR HEAVY-DUTY INDUSTRIAL/CONSTRUCTION APPLICATIONS

1/4" 0124-1

3/8" 0224-1

1/2" 0244-1

1/2" 0234-1

POWERFUL 4.5 AMP
0-850 RPM SPEED CONTROL
FOR USING A FULL RANGE
OF DRILLING ACCESSORIES

EXCLUSIVE* MAGNUM® *FEATURES:

Exclusive Brush Cartridge System
Change brushes in less than one minute.

Quik-Lok Cord Sets.

- Quick detachment from tool for tangle free carrying and storage.
- 8' standard equipment, 25' and 50' available.

SEE PAGE 21 FOR DRILL STANDS

SPECIFICATIONS

CATALOG NUMBER	CAPACITY (INCHES) IN STEEL	VOLTS AC ONLY	AMPS	SPEED (NO LOAD) RPM	GEAR TRAIN	SPINDLE DIAMETER AND THREAD	REPLACEMENT CHUCK CATALOG NO. (CHUCK KEY INCLUDED)	REPLACEMENT CHUCK KEY CATALOG NO.	LENGTH (INS.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
0124-1 REV.*	1/4	120	4.5	0-2000	DOUBLE	1/2"-20	48-66-0104	48-66-3200	10	4	5-1/4
0224-1 REV.	3/8	120	4.5	0-1200	DOUBLE	1/2"-20	48-66-0224	48-66-3280	10-1/2	4-3/4	6
0234-1 REV.	1/2	120	4.5	0-850	DOUBLE	1/2"-20	48-66-1360	48-66-3280	10-1/2	4-3/4	6
0244-1 REV.	1/2	120	4.5	0-600	DOUBLE	1/2"-20	48-66-1360	48-66-3280	10-1/2	4-3/4	6

* Available in 240 Volts AC Only. Double Insulated. Standard cord set (no Quik-Lok feature). Order Model No. 0106-3. 240 Volt not available in Canada.
STANDARD EQUIPMENT: 8' Quik-Lok Cord, Chuck Key and Rubber Flex Key Holder. Side Handle is included with all models.

MAGNUM® SIDE HANDLE
NO. 49-15-0260
For Aluminum Gear Case

RUBBER FLEX KEY HOLDER
NO. 48-66-4040
FOR KEYS 48-66-3080, 48-66-3240 and 48-66-3280
NO. 48-66-4080
FOR KEY 48-66-3200

PLUG ADAPTER
NO. 48-03-0010

TYPE "E" GREASE
For All Drills
NO. 49-08-4121
1 LB. CAN

STEEL CARRYING CASE
NO. 48-55-0711
For Pistol Drills and Screw-Shooters.
Overall size 13-1/2" long, 6" high and 8-3/4" wide.

SCREWDRIVER BITS

2" long Bits with 1/4" hex shanks for driving #1, #2 and #3 Phillips screws.

SCREW SIZE	CATALOG NUMBER
Phillips No. 1	48-30-1510
Phillips No. 2	48-30-1520
Phillips No. 3	48-30-1500

Bit and Finder 3-1/2" long with 1/4" hex shank for slotted head screws.

SCREW SIZE	CATALOG NUMBER
6F- 8R	48-30-2600
8F-10R	48-30-2625
10F-12R	48-30-2650
12F-14R	48-30-2675
14F-16R	48-30-2700

SCREWDRIVER BIT SET
NO. 48-30-0100

Includes one each of Screwdriver Bits and Bit and Finders as shown in red at left. Also includes No. 48-32-2050 1/4" Sq. × 2" Socket Driver. For use with Trigger Speed Control Drills Nos. 0124-1, 0224-1, 0234-1 and 0244-1.

QUIK-LOK CORD SETS
8' **NO. 48-76-3008**
25' **NO. 48-76-3025**
50' **NO. 48-76-3050**

TOOL HOLSTER
NO. 49-17-0200
For Pistol Drills and Screw-Shooters

ADDITIONAL ACCESSORIES ON PAGES 22 THRU 30

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY MAGNUM® RIGHT ANGLE DRIVE KIT

TRIGGER SPEED CONTROL with REVERSING SWITCH

• COMPACT DESIGN FOR DRILLING BETWEEN STUDS, JOISTS AND OTHER CLOSE QUARTERS • FOR USE WITH UP TO 2-1/8" SELFEED BITS • QUIK-LOK CORD SETS FOR FAST, SECURE ATTACHMENT, 8' STD. EQUIP., 25' and 50' AVAILABLE • ALL BALL AND ROLLER BEARINGS

QUIK-LOK CORD SETS

8' QUIK-LOK **NO. 48-76-3008**
25' QUIK-LOK **NO. 48-76-3025**
50' QUIK-LOK **NO. 48-76-3050**

STEEL CARRYING CASE
(When Ordered Separately)
NO. 48-55-0200

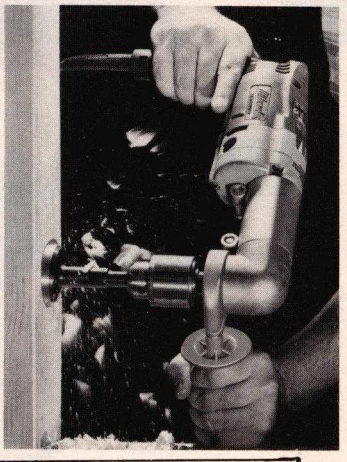
TYPE "E" GREASE
NO. 49-08-4121
1 LB. CAN

NOTE
With Right Angle Head removed, tool becomes a No. 0234-1 1/2" capacity straight drill.

SELFEED BITS, FLAT BORING BITS, AUGER BITS, HOLE SAWS, SHIP AUGER BITS, TWIST DRILLS ARE LISTED ON PAGES 22 THRU 30.

3300-1 MAGNUM RIGHT ANGLE DRIVE KIT

KIT contains 1/2" MAGNUM® Drill No. 0234-1, Right Angle Drive Unit, 8' Quik-Lok Cord, Side Handle with Clamp, 9/16" Open End Wrench, Knockout Pin and Steel Carrying Case.



CAPACITIES OF NO. 3300-1 KIT

(1/2" DRILL NO. 0234-1 ONLY, AND WITH RIGHT ANGLE DRIVE UNIT ATTACHED)

		WOOD APPLICATIONS					STEEL APPLICATIONS	
		SELFEED BIT	FLAT BORING BIT	AUGER BIT	HOLE SAW	SHIP AUGER BIT	TWIST DRILL	HOLE SAW
	MAX. RPM							
1/2" DRILL NO. 0234-1	0-850	1-1/8"	1-1/2"	7/8"	3-1/4"	7/8"	1/2"	1-3/8"
NO. 3300-1 (Shipping Wt. 14 lbs.)	HIGH 0-1275	1"	1-1/2"	3/4"	2-3/4"	3/4"	1/2"	1-3/16"
	LOW 0-565	2-1/8"	1-1/2"	1-1/8"	3-1/2"	1-1/8"	1/2"	1-1/2"

REVERSING CLOSE QUARTER DRILL

3/8" CAPACITY TRIGGER SPEED CONTROL 0-1300 RPM

0375-1* • HIGH IMPACT HOUSING QUIET RUNNING • DOUBLE INSULATED • LIGHTWEIGHT

The unique design of this tool features a 55° angled chuck for easy access to tight places. It is also ideal for general maintenance in all types of factories and at only 3.5 pounds is easy to use. No hand or finger cramps, less fatigue—more productive. Perfect for plumbers, electricians and carpenters.

* Not available in Canada.

MAXIMUM CAPACITY	
STEEL	HARDWOOD
3/8"	1"

CHUCK
NO. 48-66-0795

CHUCK KEY
NO. 48-66-3240

RUBBER FLEX KEY HOLDER
NO. 48-66-4080

SPECIFICATIONS

CATALOG NUMBER	VOLTS AC ONLY	AMPS	SPEED (NO LOAD) RPM	LENGTH (INS.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
0375-1 REV.	115	3.5	0-1300	10	3.5	6

"REV." after Catalog Number indicates reversing motor.
STANDARD EQUIPMENT: 3/8" Drill, chuck key No. 48-66-3240 and rubber flex key holder No. 48-66-4080.

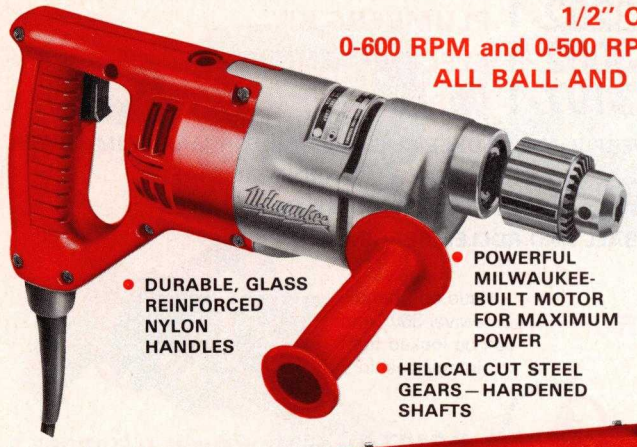
MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY "D" HANDLE HOLE-SHOOTERS

SINGLE SPEED or TRIGGER SPEED CONTROL with REVERSING SWITCH

TRIGGER SPEED CONTROL MODELS

1/2" CAPACITY
0-600 RPM and 0-500 RPM QUIK-LOK CORDS
ALL BALL AND ROLLER BEARINGS



- DURABLE, GLASS REINFORCED NYLON HANDLES
- POWERFUL MILWAUKEE-BUILT MOTOR FOR MAXIMUM POWER
- HELICAL CUT STEEL GEARS—HARDENED SHAFTS

MILWAUKEE ELECTRONICS HEAVY-DUTY TRIAC SPEED CONTROL SWITCH

RUGGED INDUSTRIAL/CONSTRUCTION SPEED CONTROL FOR HIGH POWER APPLICATIONS. MILWAUKEE'S unique electronic design with remote heat sink reduces electrical switching temperatures—expands the usable range of trigger speed control switches to tools rated for heavy amp loads and the toughest applications. Designed for smooth, precise speed control and greatly extended switch life.

OPTIONAL ADJUSTABLE SIDE HANDLE
NO. 49-15-0200

OPTIONAL STEEL CARRYING CASE
NO. 48-55-0797

Heavy-Duty 20 gauge steel case designed to fit Drill and up to 6" bit without removal of bit for storage. Order separately.

QUIK-LOK CORD SETS

MILWAUKEE's exclusive Quik-Lok cord sets provide instant field replacement or substitution. To remove cord set, turn cord nut 1/4 turn to the left. Pull cord set off.

DESCRIPTION	CATALOG NUMBER
8' QUIK-LOK	**48-76-3008**
25' QUIK-LOK	**48-76-3025**
50' QUIK-LOK	**48-76-3050**

TYPE "A" GREASE
1/2 LB. CAN
NO. 49-08-0500
1 LB. CAN
NO. 49-08-0800

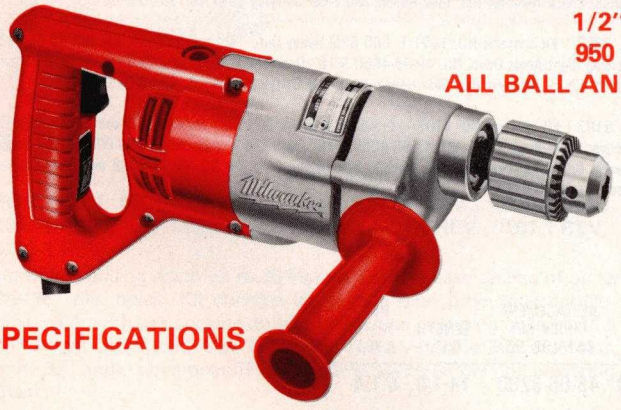
SPECIFICATIONS

CATALOG NUMBER	CAPACITY (INCHES) IN STEEL	VOLTS AC ONLY	AMPS	SPEED (NO LOAD) RPM	GEAR TRAIN	SPINDLE DIAMETER AND THREAD	REPLACEMENT CHUCK CATALOG NO. (CHUCK KEY INCLUDED)	REPLACEMENT CHUCK KEY CATALOG NO.	LENGTH (INS.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
1007-1 REV.	1/2"	120	4.5	0-600	Dbl.	1/2"-20	48-66-1360	48-66-3280	14-1/8	6-1/4	10
1107-1 REV.	1/2"	120	4.5	0-500	Trpl.	1/2"-20	48-66-1360	48-66-3280	14-1/4	6-1/2	10

"REV." after Catalog Number indicates reversing motor.
STANDARD EQUIPMENT: Both models—Side Handle No. 43-62-0885, Chuck Key and Rubber Flex Key Holder, 8' Quik-Lok Cord set No. 48-76-3008.

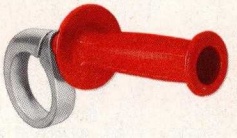
SINGLE SPEED MODELS

1/2" CAPACITY
950 to 350 RPM
ALL BALL AND ROLLER BEARINGS



STEEL CARRYING CASE
NO. 48-55-0797
Same Carrying Case as described above.

OPTIONAL ADJUSTABLE SIDE HANDLE
NO. 49-15-0200



TYPE "A" GREASE
1/2 LB. CAN
NO. 49-08-0500
1 LB. CAN
NO. 49-08-0800

SPECIFICATIONS

CATALOG NUMBER	CAPACITY (INCHES) IN STEEL	VOLTS AC ONLY	AMPS	SPEED (NO LOAD) RPM	GEAR TRAIN	SPINDLE DIAMETER AND THREAD	REPLACEMENT CHUCK CATALOG NO. (CHUCK KEY INCLUDED)	REPLACEMENT CHUCK KEY CATALOG NO.	LENGTH (INS.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
1001-1 REV.	1/2	120	4.5	600	Dbl.	1/2"-20	48-66-1360	48-66-3280	14-1/8	6-1/4	10
1101-1 REV.	1/2	120	4.5	500	Trpl.	1/2"-20	48-66-1360	48-66-3280	14-1/8	6-3/4	10-1/2
1201-1 REV.	1/2	120	4.5	350	Trpl.	1/2"-20	48-66-1360	48-66-3280	14-1/8	6-3/4	10-1/2
1250-1 REV.	1/2	120	6.2	950	Dbl.	1/2"-20	48-66-1360	48-66-3280	14-1/8	6-1/2	10

"REV." after Catalog Number indicates reversing motor.
STANDARD EQUIPMENT: All models—Side Handle No. 43-62-0885, Chuck Key and Rubber Flex Key Holder.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY REVERSING RIGHT ANGLE DRILL KITS

FOR USE WITH UP TO 2-9/16" SELFEED BITS

STEEL CARRYING CASE
Heavy-Duty 20 gauge steel case.
CASE ONLY NO. 48-55-0797

TYPE "A" GREASE
NO. 49-08-0500 1/2 LB. CAN
NO. 49-08-0800 1 LB. CAN

3102-1 PLUMBERS KIT
3202-1 PLUMBERS KIT
3002-1 ELECTRICIANS KIT
3107-1 VARIABLE SPEED KIT*

- POWERFUL MILWAUKEE-BUILT MOTOR FOR MAXIMUM POWER
- HELICAL CUT STEEL GEARS — HARDENED SHAFTS
- DURABLE, GLASS REINFORCED NYLON HANDLES
- ALL BALL AND ROLLER BEARINGS

Head and handle swivel 360° and can be locked tight in any position.

***3107-1** with **MILWAUKEE ELECTRONICS HEAVY-DUTY TRIAC SPEED CONTROL SWITCH**

RUGGED INDUSTRIAL/CONSTRUCTION SPEED CONTROL FOR HIGH POWER APPLICATIONS. MILWAUKEE'S unique electronic design with remote heat sink reduces electrical switching temperatures—expands the usable range of trigger speed control switches to tools rated for heavy amp loads and the toughest applications. Designed for smooth, precise speed control and greatly extended switch life.

QUIK-LOK CORD SETS FOR USE WITH 3107-1

Cord sets provide instant field replacement or substitution. To remove cord, turn cord nut 1/4 turn to left. Pull cord set off.

8' QUIK-LOK **48-76-3008**
25' QUIK-LOK **48-76-3025**
50' QUIK-LOK **48-76-3050**

SPECIFICATIONS

RAD KIT CATALOG NO.	DRILL CATALOG NO.	RAD UNIT CATALOG NO.	RPM DRILL ONLY	RPM WITH RAD LOW SIDE	RPM WITH RAD HIGH SIDE	SHIPPING WEIGHT LBS.
NO. 3102-1 PLUMBERS RIGHT ANGLE DRILL KIT						
3102-1	1101-1 REV.	48-06-2871	500	335	750	21
NO. 3202-1 PLUMBERS RIGHT ANGLE DRILL KIT						
3202-1	1201-1 REV.	48-06-2871	350	230	525	21
NO. 3002-1 ELECTRICIANS RIGHT ANGLE DRILL KIT						
3002-1	1001-1 REV.	48-06-2871	600	400	900	21
NO. 3107-1 VARIABLE SPEED RIGHT ANGLE DRILL KIT						
3107-1	1107-1 REV.	48-06-2871	0-500	0-335	0-750	21

STANDARD EQUIPMENT:

NO. 3102-1 Kit contains NO. 1101-1, 500 RPM Heavy-Duty 1/2" reversing drill and NO. 48-06-2871 reversing Right Angle Drive, NO. 49-96-4060 9/16" Open End Wrench, NO. 49-96-0080 3/16" Socket Wrench, Chuck Remover Bar, Side Handle and Steel Carrying Case NO. 48-55-0797.

NO. 3202-1 Kit contains NO. 1201-1, 350 RPM Heavy-Duty 1/2" reversing drill and NO. 48-06-2871 reversing Right Angle Drive, NO. 49-96-4060 9/16" Open End Wrench, NO. 49-96-0080 3/16" Socket Wrench, Chuck Remover Bar, Side Handle and Steel Carrying Case NO. 48-55-0797.

NO. 3002-1 Kit contains NO. 1001-1, 600 RPM Heavy-Duty 1/2" reversing drill and NO. 48-06-2871 reversing Right Angle Drive, NO. 49-96-4060 9/16" Open End Wrench, NO. 49-96-0080 3/16" Socket Wrench, Chuck Remover Bar, Side Handle and Steel Carrying Case NO. 48-55-0797.

NO. 3107-1 Kit contains NO. 1107-1, 0-500 RPM Heavy-Duty 1/2" reversing drill and NO. 48-06-2871 reversing Right Angle Drive, NO. 49-96-4060 9/16" Open End Wrench, NO. 49-96-0080 3/16" Socket Wrench, Chuck Remover Bar, Side Handle, 8' Quik-Lok Cord Set NO. 48-76-3008 and Steel Carrying Case NO. 48-55-0797.

SPECIFICATIONS FOR DRILLS INCLUDED IN ABOVE KITS

CATALOG NUMBER	CAPACITY (INCHES) IN STEEL	VOLTS AC ONLY	AMPS	SPEED (NO LOAD) RPM	GEAR TRAIN	SPINDLE DIAMETER AND THREAD	REPLACEMENT CHUCK CATALOG NO. (CHUCK KEY INCLUDED)	REPLACEMENT CHUCK KEY CATALOG NO.	LENGTH (INS.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
1001-1 REV.	1/2	120	4.5	600	Dbl.	1/2"-20	48-66-1360	48-66-3280	14-1/8	6-1/4	10
1101-1 REV.	1/2	120	4.5	500	Trpl.	1/2"-20	48-66-1360	48-66-3280	14-1/8	6-3/4	10-1/2
1107-1 REV.	1/2	120	4.5	0-500	Trpl.	1/2"-20	48-66-1360	48-66-3280	14-1/4	6-1/2	10
1201-1 REV.	1/2	120	4.5	350	Trpl.	1/2"-20	48-66-1360	48-66-3280	14-1/8	6-3/4	10-1/2

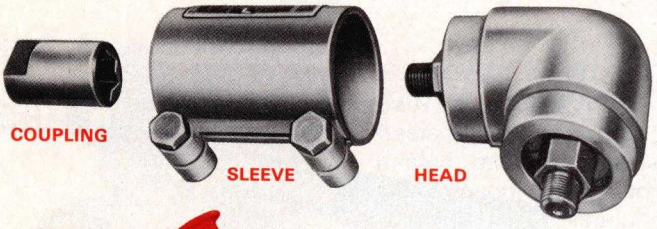
"REV." after Catalog Number indicates reversing motor.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY ANGLE DRIVE UNITS

TO CONVERT STRAIGHT DRILLS TO ANGLE DRILLS

RIGHT ANGLE DRIVE UNIT



Used extensively for drilling between joists, studding, in tight corners or in close quarters on machinery equipment. Provides two additional drilling speeds. Chuck transferred from drill to LOW spindle of right angle unit reduces drills normal speed by 1/3 and increases drilling torque by 50%. Chuck transferred to opposite spindle of right angle unit increases speed by 50%.

NO. 48-06-2870 For drills with non-reversing motors. Drill or chuck not included. Net Wgt. 2 lbs. Shp. Wgt. 3 lbs.

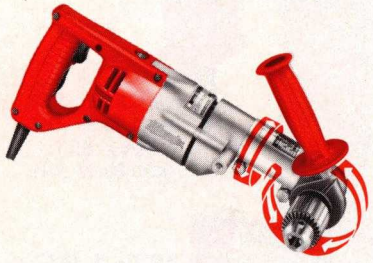
NO. 48-06-2871 For drills with reversing motors. Net Wgt. 2 lbs. Shp. Wgt. 3 lbs.

Head and handle swivel 360° and can be locked tight in any position.

WITH DRILL...USE RAD UNIT

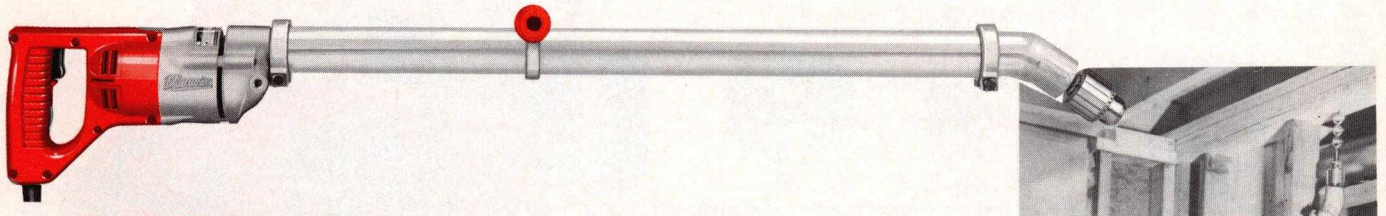
DRILL CATALOG NO. AND TYPE	RAD UNIT CATALOG NO.	RPM DRILL ONLY	RPM WITH RAD LOW SIDE	RPM WITH RAD HIGH SIDE
0234-1 REV. MAGNUM® PISTOL DRILL◆	**48-06-2871**	0-850	0-565	0-1275
0244-1 REV. MAGNUM® PISTOL DRILL◆	**48-06-2871**	0-600	0-400	0-900

◆ For Magnum® Models, add Coupling No. 42-90-0175 for correct fit (Purchase Separately).



1001-1 REV. "D" HANDLE DRILL	**48-06-2871**	600	400	900
1007-1 REV. "D" HANDLE DRILL	**48-06-2871**	0-600	0-400	0-900
1101-1 REV. "D" HANDLE DRILL	**48-06-2871**	500	335	750
1107-1 REV. "D" HANDLE DRILL	**48-06-2871**	0-500	0-335	0-750
1201-1 REV. "D" HANDLE DRILL	**48-06-2871**	350	230	525
1250-1 REV. "D" HANDLE DRILL	**48-06-2871**	950	630	1425

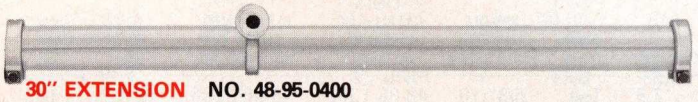
"REV." after Catalog Number indicates reversing motor.



33° ANGLE DRIVE KIT NO. 48-06-2860

FOR DRILL MODELS 0234-1 REV., 0244-1 REV., 1001-1 REV., 1006-1 REV., 1007-1 REV., 1101-1 REV., 1107-1 REV., 1201-1 REV., 1250-1 REV.

Stretches drilling reach up to 30 inches. Permits easy drilling of up to 2-9/16" dia. holes. Kit consists of an extension tube, side handle, drive shaft with hex sockets on both ends, two clamping collars and a 33° Angle Drive unit. Use 33° Angle Drive with the 30" extension only. 33° angle units operate at the same speed as the drill powering them.



30" EXTENSION NO. 48-95-0400

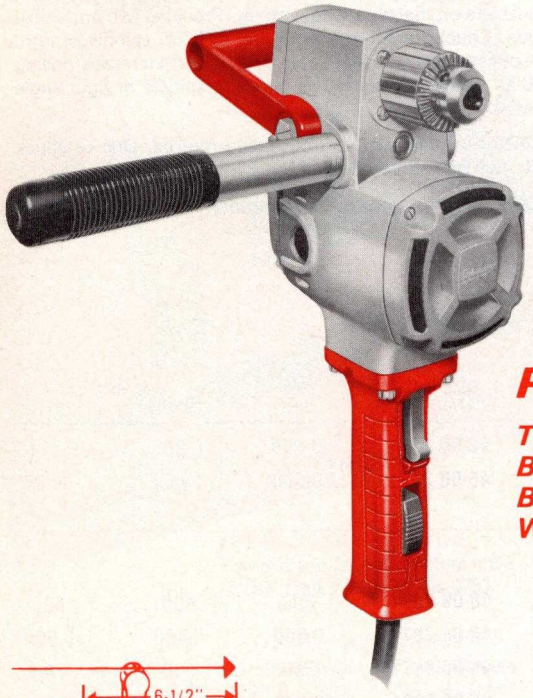
FOR DRILL MODELS 0234-1 REV., 0244-1 REV., 1001-1 REV., 1006-1 REV., 1007-1 REV., 1101-1 REV., 1107-1 REV., 1201-1 REV., 1250-1 REV.

30" extension available separately for use with MILWAUKEE RAD units NOS. 48-06-2870 and 48-06-2871. Unit comes complete with 30" extension tube, drive shaft with hex socket on both ends, two clamping collars, and side handle. Purchase RAD unit separately.

HEAVY-DUTY HOLE-HAWG®

COMPACT DESIGN FOR DRILLING BETWEEN STUDS AND JOISTS

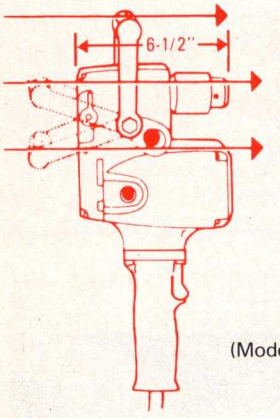
1670-1 REV.
SINGLE SPEED — 900 RPM
REVERSING MOTOR



1675-1 REV.
TWO SPEED — 1200 AND 300 RPM
REVERSING MOTOR

POWER AND TORQUE...

TO HANDLE UP TO 4-5/8" SELFEED BITS. TRIPLE REDUCTION GEARING. BALL AND ROLLER BEARINGS. WEIGHS ONLY 10-1/2 LBS.



FUNCTIONAL DESIGN

Puts force in line with chuck

2 POSITION PIPE HANDLE

3 POSITION SPADE HANDLE

2 SPEED GEAR SHIFT
(Models 1675-1 Rev. and 1676-1 Rev.)

EXTERNAL BRUSH CAPS

TYPE "E" GREASE
1 LB. CAN
NO. 49-08-4121

1676-1 REV.
(Same as 1675-1 but with steel carrying case)

STEEL CARRYING CASE
(When ordered separately)
NO. 48-55-0110

SPECIFICATIONS

CATALOG NUMBER	SPEED	NO LOAD RPM	CAPACITY WOOD WITH AUGER BIT	CAPACITY WOOD WITH SHIP AUGER BIT	CAPACITY WOOD WITH SELFEED BIT	CAPACITY STEEL	VOLTS AC ONLY	AMPS	GEAR TRAIN	SPINDLE DIAMETER AND THREAD	REPLACEMENT CHUCK CATALOG NO. (CHUCK KEY INCLUDED)	REPLACEMENT CHUCK KEY CATALOG NO.	NET WGT. LBS.	SHP. WGT. LBS.
1670-1 REV.	Single	900	1-1/2"	1-1/2"	2-9/16"	7/16"	120	7.5	Trpl.	5/8"-16	48-66-1380	48-66-3280	10-1/2	16
1675-1 REV.	High	1200	1-1/8"	1-1/4"	1-3/8"	5/16"	120	7.5	Trpl.	5/8"-16	48-66-1380	48-66-3280	10-1/2	16
	Low	300	1-1/2"	1-1/2"	4-5/8"	1/2"								
1676-1 REV.	Same as 1675-1 but with steel carrying case													24

"REV." after Catalog No. indicates reversing type motor.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY COMPACT HOLE-SHOOTERS

SEE PAGE 21 FOR DRILL STANDS

REVERSING
ALL BALL BEARINGS

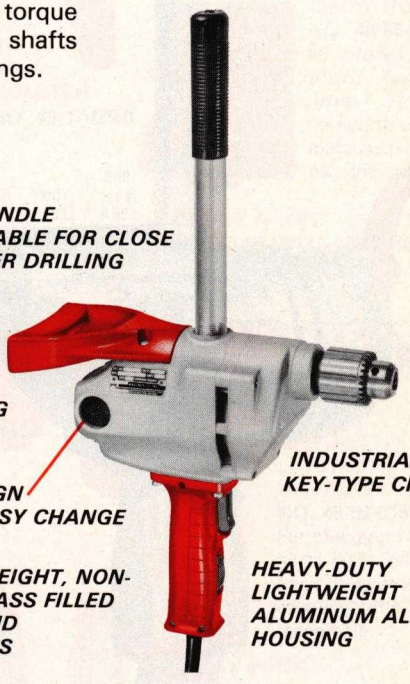
1610-1 650 RPM

1630-1 900 RPM

1660-1 450 RPM

RUGGEDLY BUILT, COMPACT RESERVE POWER for toughest drilling jobs. Gears are helical-cut for quiet performance, heat treated, moly chrome alloy steel for high torque transmission with minimum wear. Drive shafts run smoothly on pre-lubricated ball bearings.

TYPE "A" GREASE
1/2 LB. CAN
NO. 49-08-0500
1 LB. CAN
NO. 49-08-0800



PIPE HANDLE REMOVABLE FOR CLOSE QUARTER DRILLING

POWERFUL, COOL RUNNING 7 AMP MOTOR

BRUSH DESIGN FOR FAST EASY CHANGE

INDUSTRIAL KEY-TYPE CHUCK

STRONG, LIGHTWEIGHT, NON-CONDUCTIVE, GLASS FILLED NYLON SPADE AND BOTTOM HANDLES

HEAVY-DUTY LIGHTWEIGHT ALUMINUM ALLOY HOUSING

RECOMMENDED ACCESSORY CAPACITY

CATALOG NUMBER	SPEED (NO LOAD) RPM	WOOD: TWIST DRILL	WOOD: HOLE SAW	WOOD: SELFEED BIT	WOOD: FLAT BORING BIT	STEEL: HOLE SAW	STEEL: TWIST DRILL
1610-1 REV.	650	1/2"	3-1/2"	2-9/16"	1-1/2"	2-1/4"	1/2"
1630-1 REV.	900	1/2"	3"	2-1/4"	1-1/4"	1-3/4"	1/2"
1660-1 REV.	450	1/2"	4-1/2"	3"	1-1/2"	2-5/8"	1/2"

SPECIFICATIONS

CATALOG NUMBER	CAPACITY (INCHES) IN STEEL	VOLTS	AMPS	SPEED (NO LOAD) RPM	GEAR TRAIN	SPINDLE DIAMETER AND THREAD	REPLACEMENT CHUCK CATALOG NO. (CHUCK KEY INCLUDED)	REPLACEMENT CHUCK KEY CATALOG NO.	LENGTH (INS.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
1610-1 REV.	1/2	120 AC ONLY	7	650	Dbl.	5/8"-16	48-66-1380	48-66-3280	12-1/4	9-1/2	13
1630-1 REV.	1/2	120 AC ONLY	7	900	Dbl.	5/8"-16	48-66-1380	48-66-3280	12-1/4	9-1/2	13
1660-1 REV.★	1/2	120 AC-DC	7	450	Trpl.	5/8"-16	48-66-1380	48-66-3280	12-1/4	9-1/2	13

★ Available in 240 Volts AC Only. 240 Volt not available in Canada. Double Insulated. Order Catalog No. 1662-3.
"REV." after Catalog No. indicates reversing type motor.

HEAVY-DUTY SUPER HOLE-SHOOTERS

REVERSING
ALL BALL AND ROLLER BEARINGS

1754-1 525 RPM

1854-1 400 RPM

250 RPM **2404-1**

1-1/4" CAPACITY SUPER HOLE-SHOOTER

MILWAUKEE'S largest and most powerful Drill. Extra long switch handle and pipe handle afford maximum leverage for drilling or reaming large holes. Triple reduction, helical gearing transmits torque. Furnished with No. 3 Internal Morse Taper Socket.

TYPE "A" GREASE
1/2 LB. CAN
NO. 49-08-0500
1 LB. CAN
NO. 49-08-0800

NO. 3540 DRILL STAND FOR DRILLS NO. 1754-1 AND LARGER

Height of Post	36"
Max. Feed	5-1/2"
Size of Base	10" × 10"
Chuck to Base — Max.	17-1/2"
Chuck to Post	6-1/2"
Wgt. Less Drill	33 lbs.
Ship. Weight	45 lbs.

MORSE TAPER SOCKET

MORSE TAPER SOCKET Drift Key Included			DRIFT KEY
49-66-0600	#2 MT	5/8"-16	**48-86-0050**

SPECIFICATIONS

CATALOG NUMBER	CAPACITY (INCHES) IN STEEL	VOLTS AC-DC	AMPS	SPEED (NO LOAD) RPM	GEAR TRAIN	SPINDLE DIAMETER AND THREAD	REPLACEMENT CHUCK CATALOG NO. (CHUCK KEY INCLUDED)	REPLACEMENT CHUCK KEY CATALOG NO.	LENGTH (INS.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
1754-1 REV.	5/8	120	10	525	Trpl.	#3 J.T.*	48-66-1680	48-66-3120	16-1/2	16-3/4	22
1854-1 REV.	3/4	120	10	400	Trpl.	#3 J.T.*	48-66-2080	48-66-3160	16-1/2	16-3/4	22
2404-1 REV.‡	1-1/4	120	10	250	Trpl.	#3 M.T.●	—	—	16-3/4	21-1/2	26

"REV." after Catalog No. indicates reversing type motor.
* Jacobs Taper Spindle.
● With No. 3 Internal Morse Taper Socket.
‡ To adapt a 3/4" capacity chuck to 2404-1 Drill with No. 3 Internal Morse Taper Socket, order accessory Chuck Kit No. 49-22-1550. Kit consists of Chuck No. 48-66-2000 and Arbor No. 48-07-0100.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY CORDLESS DRIVER/DRILLS
ALL MODELS FEATURE 1 HOUR FAST CHARGE

0212-1 *(INCLUDES DRIVER/DRILL, BATTERY PACK AND CHARGER)*

FEATURES

- 3/8" CAPACITY 9.6 VOLTS
- REVERSING
- VARIABLE SPEED 50 THRU 1000 RPM
- 6 POSITION ADJUSTABLE CLUTCH
- CHUCK KEY SECURED IN BUILT-IN KEY HOLDER

EXCLUSIVE ELECTRONIC FEEDBACK SYSTEM MAINTAINS A CONSTANT SPEED UNDER VARIOUS LOADS

HOLSTER NO. 49-17-0240

NEW

BATTERY CHARGER NO. 48-59-0160

CIGARETTE LIGHTER TYPE BATTERY CHARGER NO. 48-59-0161

BATTERY PACK NO. 48-11-0080

CARRYING CASE NO. 48-55-0794
Hi-impact, rust-proof polyethelene. Separate compartments for extra battery pack, bit, drill storage.

CATALOG NUMBER	VOLTS DC	SPEED (NO LOAD) RPM HIGH	SPEED (NO LOAD) RPM LOW	MAXIMUM TORQUE RANGE (IN./LBS.) POSITION 1	POSITION 2	POSITION 3	POSITION 4	POSITION 5	POSITION 6	LENGTH (INS.)	WGT. (LBS.)	SHP. WGT. (LBS.)
0212-1	9.6	170-1000	50-300	4.3	8.7	13.0	17.4	21.7	104.0	10-3/8	3.81	7.81

CHUCK & KEY NO. 48-66-0817 **CHUCK KEY NO. 48-66-3350**

STANDARD EQUIPMENT: **0212-1:** Variable speed 3/8" Driver/Drill, 9.6 volt battery pack No. 48-11-0080, 120 volt AC one hour battery charger No. 48-59-0160, Chuck and Key No. 48-66-0817 (Key only is No. 48-66-3350).

0209-1 *(INCLUDES DRIVER/DRILL AND BATTERY PACK ONLY)*
0210-1 *(INCLUDES DRIVER/DRILL, BATTERY PACK AND CHARGER)*
0211-1 *(INCLUDES DRIVER/DRILL, BATTERY PACK, CHARGER AND CARRYING CASE)*

FEATURES

- 3/8" CAPACITY 9.6 VOLTS
- REVERSING
- 2 SPEED 350 AND 750 RPM
- 4 POSITION ADJUSTABLE CLUTCH
- CLUTCH KEY SECURED IN BUILT-IN KEY HOLDER

BATTERY CHARGER NO. 48-59-0160

CIGARETTE LIGHTER TYPE BATTERY CHARGER NO. 48-59-0161
For charging No. 48-11-0080 Battery Pack on standard 12 V auto cigarette lighter receptacle.

BATTERY PACK NO. 48-11-0080

CATALOG NUMBER	VOLTS DC	SPEED (NO LOAD) RPM HIGH	SPEED (NO LOAD) RPM LOW	MAXIMUM TORQUE RANGE (IN./LBS.) POSITION 1	POSITION 2	POSITION 3	POSITION 4	LENGTH (INS.)	WGT. (LBS.)	SHP. WGT. (LBS.)
0209-1										5
0210-1	9.6	750	350	8.7	15.2	21.7	86.8	8-3/4	3.50	7.50
0211-1										9.75

HOLSTER NO. 49-17-0240
CARRYING CASE NO. 48-55-0792
CHUCK & KEY NO. 48-66-0816
CHUCK KEY NO. 48-66-3350

STANDARD EQUIPMENT: **0209-1:** Same as 0210-1 except without battery charger.
0210-1: 3/8" Driver/Drill, 9.6 volt battery pack No. 48-11-0080, 120 volt AC one hour battery charger No. 48-59-0160, one #2 Phillips Bit, Chuck and Key No. 48-66-0816 (Key only is No. 48-66-3350). **0211-1:** Same as 0210-1 plus carrying case.

0214-1 *(INCLUDES DRIVER/DRILL, BATTERY PACK AND CHARGER)*

FEATURES

- 3/8" CAPACITY 7.2 VOLTS
- REVERSING
- VARIABLE SPEED 100 THRU 600 RPM
- 6 POSITION ADJUSTABLE CLUTCH
- SCREWDRIVER BIT AND CHUCK KEY HOLDER LOCATED IN BOTTOM OF HANDLE

EXCLUSVIE ELECTRONIC FEEDBACK SYSTEM MAINTAINS A CONSTANT SPEED UNDER VARIOUS LOADS

BATTERY NO. 48-11-0120

BATTERY CHARGER NO. 48-59-0200

CIGARETTE LIGHTER TYPE BATTERY CHARGER NO. 48-59-0201

CARRYING CASE NO. 48-55-0793

HOLSTER NO. 49-17-0255

CHUCK & KEY NO. 48-66-0816 **CHUCK KEY NO. 48-66-3350**

CATALOG NUMBER	VOLTS DC	SPEED (NO LOAD) RPM	MAXIMUM TORQUE RANGE (IN./LBS.) POSITION 1	POSITION 2	POSITION 3	POSITION 4	POSITION 5	POSITION 6	LENGTH (INS.)	WGT. (LBS.)	SHP. WGT. (LBS.)
0214-1	7.2	100-600	4.3	8.6	13.0	17.3	21.6	42.8	12-1/4	2.25	5.50

STANDARD EQUIPMENT, 0214-1: Driver/Drill, 7.2 volt battery pack No. 48-11-0120, 120 V AC one hour battery charger No. 48-59-0200, one phillips bit No. 48-32-1060, one slotted bit No. 48-32-0420 and chuck and key No. 48-66-0816. (Key only is No. 48-66-3350.)

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY CORDLESS TOOLS
ALL MODELS FEATURE 1 HOUR FAST CHARGE

6539-1 HEAVY-DUTY REVERSING CORDLESS SCREWDRIVER 2.4 VOLTS 190 RPM
(INCLUDES SCREWDRIVER, BATTERY PACK AND CHARGER)

- 6 POSITION ADJUSTABLE CLUTCH
- FORWARD/REVERSE BUTTON WITH SWITCH LOCK FEATURE

SCREWDRIVER HOLSTER
NO. 49-17-0250

- ADJUSTABLE SWIVEL HANDLE

NEW

CIGARETTE LIGHTER TYPE BATTERY CHARGER
NO. 48-59-0181
For charging No. 48-11-0100 Battery Pack on standard 12V auto cigarette lighter receptacle.

SCREWDRIVER BITS▲
NO. 48-30-0500 Slotted
NO. 48-30-1510 #1 Phillips
NO. 48-30-1525 #2 Phillips
▲Included in Charger No. 48-59-0180

ONE HOUR—120V BATTERY CHARGER
NO. 48-59-0180

NEW

1/4" CHUCK ATTACHMENT WITH KEY NO. 49-22-1560

A valuable item for drilling applications.

2.4 VOLT BATTERY PACK
NO. 48-11-0100

SPECIFICATIONS

CATALOG NUMBER	VOLTS DC	SPEED (NO LOAD) RPM	DIAMETER (INS.)	LENGTH (INS.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
6539-1 REV.	2.4	190	1.4	9	.875 *	2.75 * *

"REV." after Cat. No. indicates reversing type motor.
* NET WGT.—Screwdriver with Battery Pack only. * * SHP. WGT.—Screwdriver, Battery Pack and Charger.
STANDARD EQUIPMENT, 6539-1: Screwdriver, 2.4 volt battery pack No. 48-11-0100, 120 volt AC one hour battery charger No. 48-59-0180 with 2 phillips and one slotted bit.

6305 HEAVY-DUTY 6-1/4" CORDLESS CIRCULAR SAW 12 VOLTS 3400 RPM
(INCLUDES SAW, BATTERY PACK AND CHARGER)

SAW OVER 80 PIECES 2" × 4" PINE*

- *SAW 50' 5/8" PARTICLE BOARD **
- *SAW 70' 1/2" PLYWOOD **
- *SAW 80' 1" × 6" PINE **

* PER BATTERY CHARGE, UNINTERRUPTED SAWING

LIGHTWEIGHT
Only 8 lbs. with battery (which is about 4 lbs. lighter than a typical 120 Volt saw).

TOUGH, HI-IMPACT HOUSING
Advanced hi-impact, polycarbonate material, structurally designed with special reinforcement at stress points will take the abuse of construction site activity.

ACCURATE ANGLE ADJUSTMENT
From 45° thru 90°. Cuts through a 2 × 4 at 45°.

DEPTH ADJUSTMENT
From 1/8" to 2-3/16" at 90°.

SPECIFICATIONS

CATALOG NUMBER	BLADE SIZE	VOLTS *	NO LOAD SPEED (RPM)	SAW BLADE	DEPTH ADJUSTMENT AT 90°	MITER CUTS	NET WEIGHT (LBS.)	SHP. WEIGHT (LBS.)
6305	6-1/4"	12	3400	Carbide Tipped/36 Tooth	1/8" to 2-1/4"	45° to 90°	8	14

* **Battery:** 12 Volt Sealed Lead Construction. Battery life 200+ cycles, battery capacity 2.9 Ah.
Battery Charger: 1 Hour recharging time with indicator light.

NEW

METAL CUTTING 6-1/4" CIRCLE SAW BLADE
NO. 48-40-3605
Specially designed for use with MILWAUKEE Cordless 6-1/4" Circular Saw. Unique "thin line" design for fast efficient sawing in metal. NOTE CAUTION ON USE OF SPECIAL BLADES BELOW.

STEEL CARRYING CASE NO. 48-55-1140

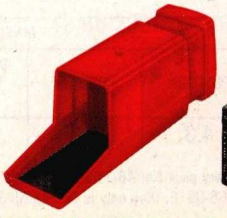
ACCESSORIES *NOTE: ALL ACCESSORIES SHOWN BELOW ARE INCLUDED AS STANDARD EQUIPMENT*

6-1/4" CIRCLE SAW BLADE
NO. 48-40-3600
Specially designed for use with MILWAUKEE Cordless 6-1/4" Circular Saw. Unique "thin line" design for fast efficient sawing. Carbide tipped for longer life.

NOTE: USE ONLY THESE SPECIAL MILWAUKEE BLADES WITH THIS SAW. SUBSTITUTES MAY CAUSE INJURY OR DAMAGE TO THE TOOL.

BATTERY CHARGER
NO. 48-59-0190
Fast one hour recharging time with indicator light. 120 Volt. Measures 10" × 2-1/2" × 3-5/8".

RIP GUIDE
NO. 49-02-0110
SPANNER WRENCH
NO. 49-94-7620
1/2" HEX BLADE WRENCH
NO. 49-96-0340

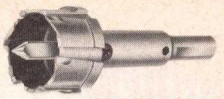


BATTERY
NO. 48-11-0110
120 Volt (Sealed Lead Construction). Powerful, extra long life (200 + charging cycles). Capacity 2.9 Ah. Measures 4" × 2" × 3-1/4".

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY DRILL STANDS

FOR PRECISION DRILL PRESS OPERATIONS



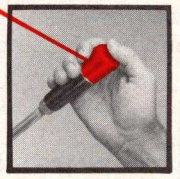
- *FAST MOUNTING OR REMOVAL OF DRILLS*
- *HEAVY-DUTY CONSTRUCTION*
- *PRECISION OPERATION*
- *CAST HOLES IN BENCH BASE FOR PERMANENT MOUNTING*
- *USE AS A PORTABLE DRILL PRESS BY USING EITHER BENCH BASE OR PIPE CLAMP BASE*

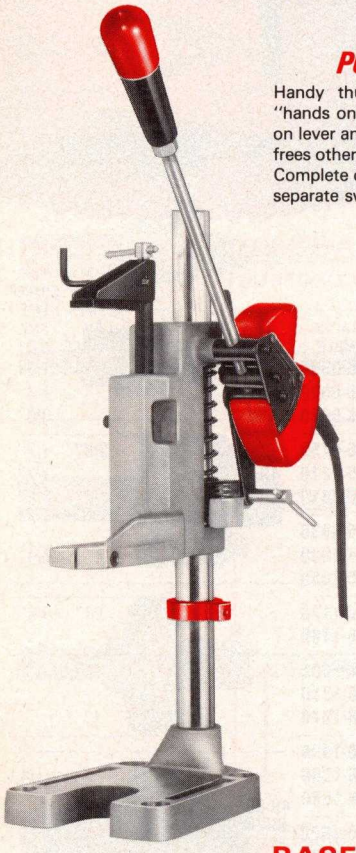
IDEAL FOR ONE PIECE STEEL HAWG™ APPLICATIONS

* 1/2" shank Steel Hawgs™ in sizes 11/16" thru 1-1/2". Cut holes in metal up to 1/2" thick. Ideal even for Stainless Steel. See page 43.

PUSH BUTTON MOTOR CONTROL

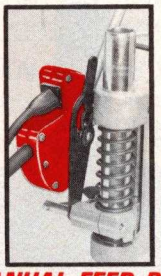
Handy thumb push button gives operator complete "hands on" drilling control. Maintaining drilling pressure on lever and activating push button switch with one hand frees other hand for oiling during a steel drilling operation. Complete control is possible without having to reach for a separate switch.





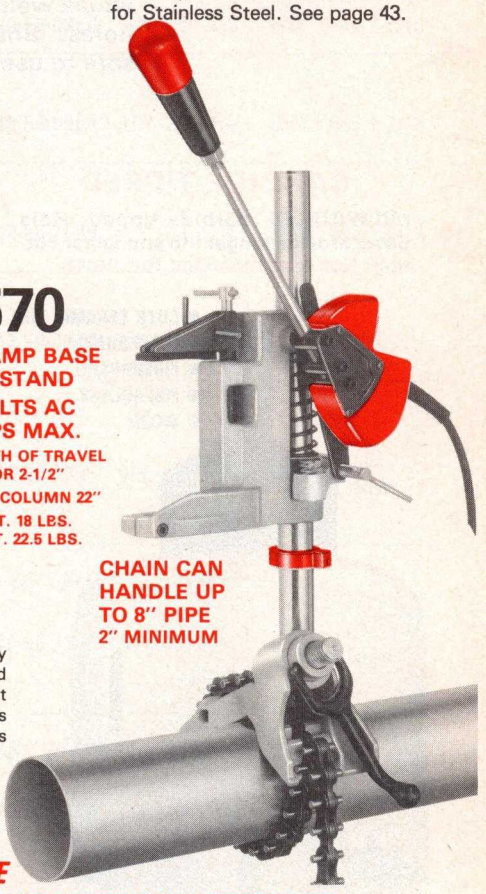
3550

BENCH BASE DRILL STAND
120 VOLTS AC
10 AMPS MAX.
MAX. LENGTH OF TRAVEL 1-5/8" OR 2-1/2"
LENGTH OF COLUMN 22"
NET WGT. 14 LBS.
SHP. WGT. 18.5 LBS.



3570

PIPE CLAMP BASE DRILL STAND
120 VOLTS AC
10 AMPS MAX.
MAX. LENGTH OF TRAVEL 1-5/8" OR 2-1/2"
LENGTH OF COLUMN 22"
NET WGT. 18 LBS.
SHP. WGT. 22.5 LBS.



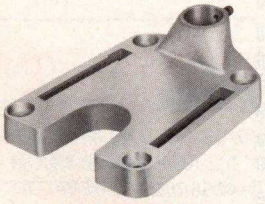
CHAIN CAN HANDLE UP TO 8" PIPE 2" MINIMUM

2 MANUAL FEED RATES

With the link in the back position, the slide has approximately 2-1/2 inches of travel. When the link is shifted to the forward position, the slide has approximately 1-5/8 inches of travel, but allows the drill stand to be used with 40% less effort. This is desirable when drilling in hard materials or when many holes must be drilled in succession.

BASES

NOTE: BASES ARE INTERCHANGEABLE WITH EITHER STAND



BENCH BASE
NO. 48-10-0100
(Standard Equip. with STAND NO. 3550)

PIPE CLAMP BASE
NO. 48-10-0120
(Standard Equip. with STAND NO. 3570)

VERSATILE

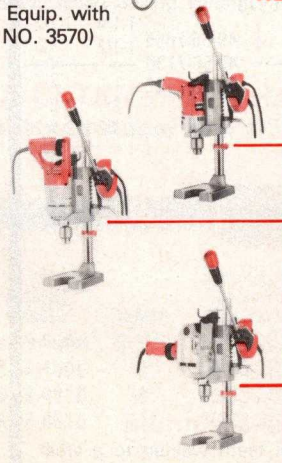
ACCEPTS 13 MILWAUKEE HOLE-SHOOTERS

MAGNUM®
0124-1
0224-1
0234-1
0244-1

"D" HANDLE
1001-1 1007-1
1101-1 1107-1
1201-1 1250-1

COMPACT
1610-1
1630-1
1660-1

RECOMMENDED DRILL CAPACITIES



	CAT. NO.	NO LOAD RPM	STEEL: STEEL HAWG™ (INCHES)	STEEL: TWIST DRILL (INCHES)	STEEL: HOLE SAW (INCHES)	WOOD: TWIST DRILL (INCHES)	WOOD: HOLE SAW (INCHES)	WOOD: FLAT BORING BIT (INCHES)
MAGNUM®	0124-1	0-2000 *	–	1/4	7/8	1/4	1-1/2	1-1/2
	0224-1	0-1200 *	–	3/8	7/8	3/8	2	1-1/2
	0234-1	0-850 *	1-1/8	1/2	1-3/8	1/2	3-1/4	1-1/2
	0244-1	0-600 *	1-1/8	1/2	1-1/2	1/2	3-1/2	1-1/2
"D" HANDLE	1001-1	600	1-1/2	1/2	1-3/8	1/2	2-3/4	1-1/2
	1007-1	0-600 *	1-1/2	1/2	1-3/8	1/2	2-3/4	1-1/2
	1101-1	500	1-1/2	1/2	1-3/4	1/2	3-7/8	1-1/2
	1107-1	0-500 *	1-1/2	1/2	1-3/4	1/2	3-7/8	1-1/2
	1201-1	350	1-1/2	1/2	1-7/8	1/2	3-7/8	1-1/2
	1250-1	950	1-1/2	1/2	1-3/8	1/2	2	1-1/2
COMPACT	1610-1	650	1-1/2	1/2	2-1/4	1/2	3-1/2	1-1/2
	1630-1	900	1-1/2	1/2	1-3/4	1/2	3	1-1/2
	1660-1	450	1-1/2	1/2	2-5/8	1/2	4-1/2	1-1/2

* IN APPLICATION—VARIABLE SPEED SWITCH IS LOCKED IN FULL NO LOAD RPM.

ACCESSORIES

NOTE: ALL ACCESSORIES SHOWN BELOW ARE STANDARD EQUIPMENT WITH EITHER DRILL PRESS

NO. 49-96-0060	1/8" Hex. Socket Wrench
NO. 49-96-0080	3/16" Hex. Socket Wrench
NO. 49-96-0100	1/4" Hex. Socket Wrench
NO. 23-78-0150	Tie Strap
NO. 42-04-0630	Adapter Ring for Compact Drills
NO. 42-04-0640	Adapter Ring for Magnum® and "D" Handle Drills
NO. 42-04-0650	Adapter Ring for Compact Drills

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY BI-METAL* HOLE SAWS

3 TYPES: ALL SHATTER RESISTANT

MILWAUKEE Holes Saws provide an economical means of extending the useful range of portable drills, drill presses and lathes. High speed cutting edges welded to steel bodies produce clean, accurate holes. Shatter-resistant construction makes them safe to use and provides an extra margin of durability.

CARBIDE-TIPPED

MILWAUKEE carbide-tipped Hole Saws provide longer life and faster cutting. Not recommended for metal.

- CUTS CERAMIC TILE
- FLAKEBOARD
- FIBERBOARD
- FIBERGLASS
- WOOD

CUT TO 1-1/4" DEPTH

HOLE DIA. SIZE	CATALOG NUMBER	USE WITH ARBOR NO.	PIPE ENTRANCE SIZE	FOR COPPER PIPE SIZE (I.D.)
5/8"	49-56-0623			1/4"
3/4"	49-56-0753	49-56-6950	3/8"	1/2"
7/8"	49-56-0873	49-56-6960	1/2"	5/8"
1"	49-56-1003	49-56-7000		3/4"
1-1/8"	49-56-1123		3/4"	3/4"
1-1/4"	49-56-1253	49-56 6970		1"
1-3/8"	49-56-1373		1"	
1-1/2"	49-56-1503			1-1/4"
1-5/8"	49-56-1623			
1-3/4"	49-56-1753		1-1/4"	1-1/2"
1-7/8"	49-56-1873			
2"	49-56-2003		1-1/2"	
2-1/8"	49-56-2123			
2-1/4"	49-56-2253			2"
2-3/8"	49-56-2373			
2-1/2"	49-56-2503	49-56-7055	2"	2"
2-5/8"	49-56-2623	49-56-7130		
2-3/4"	49-56-2753	49-56-7140		
2-7/8"	49-56-2873			
3"	49-56-3003		2-1/2"	2-1/2"
3-1/4"	49-56-3253			
3-1/2"	49-56-3503			
3-3/4"	49-56-3753			
4"	49-56-4003			
4-1/4"	49-56-4253		3-1/2"	4"
4-1/2"	49-56-4503		4"	4"
5"	49-56-5003			
6"	49-56-6003			

SEE PAGE 23 FOR ARBORS, ORDER ARBORS SEPARATELY

DEEP CUTTING AND STANDARD

BI-METAL CONSTRUCTION*

MILWAUKEE high speed steel Hole Saws are high production tools designed for cutting all machineable materials, including steel, aluminum, copper, brass, sheet metal, stainless steel, wood or plastics. Available in deep cutting and standard depth versions.

DEEP CUTTING CUT TO 1-3/4" DEPTH

HOLE DIA. SIZE	CATALOG NUMBER	USE WITH ARBOR NO.	PIPE ENTRANCE SIZE	FOR COPPER PIPE SIZE (I.D.)
7/8"	49-56 0871	49-56-6950	1/2"	5/8"
1"	49-56-1001	49-56-6960		3/4"
1-1/8"	49-56-1121	49-56-7000	3/4"	3/4"
1-1/4"	49-56-1251			1"
1-3/8"	49-56-1371		1"	
1-1/2"	49-56-1501	49-56-6970		1-1/4"
1-3/4"	49-56-1751		1-1/4"	1-1/2"
2"	49-56-2001	49-56-7055	1-1/2"	
2-1/4"	49-56-2251	49-56-7130		2"
2-1/2"	49-56-2501	49-56-7140	2"	2"
3"	49-56-3001		2-1/2"	2-1/2"
3-3/8"	49-56-3371			3"
4-1/4"	49-56-4251			4"

SEE PAGE 23 FOR ARBORS, ORDER ARBORS SEPARATELY

*** BI-METAL CONSTRUCTION**

High speed steel teeth welded to a steel body will cut faster, last many times longer than ordinary steel hole saws.

STANDARD CUT TO 1-1/4" DEPTH

BI-METAL CONSTRUCTION*

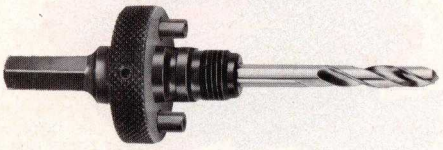
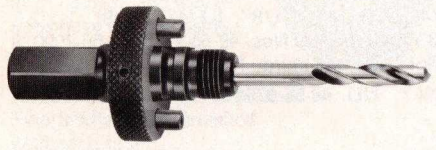
HOLE DIA. SIZE	CATALOG NUMBER	USE WITH ARBOR NO.	PIPE TAP	PIPE SIZES PIPE ENTRANCE	FOR COPPER PIPE SIZE (I.D.)
9/16"	49-56-0560				1/8"
5/8"	49-56-0620				1/4"
11/16"	49-56-0680				3/8"
3/4"	49-56-0750			3/8"	1/2"
13/16"	49-56-0810	49-56-6950			1/2"
7/8"	49-56-0870	49-56-6960	3/4"	1/2"	5/8"
15/16"	49-56-0930	49-56-7000			
1"	49-56-1000				3/4"
1-1/16"	49-56-1060				
1-1/8"	49-56-1120		1"	3/4"	3/4"
1-3/16"	49-56-1180				
1-1/4"	49-56-1250				1"
1-5/16"	49-56-1310				
1-3/8"	49-56-1370			1"	
1-7/16"	49-56-1430				
1-1/2"	49-56-1500		1-1/4"		1-1/4"
1-9/16"	49-56-1560	49-56-6970			
1-5/8"	49-56-1620				
1-11/16"	49-56-1680				
1-3/4"	49-56-1750		1-1/2"	1-1/4"	1-1/2"
1-13/16"	49-56-1810				
1-7/8"	49-56-1870				
2"	49-56-2000			1-1/2"	
2-1/16"	49-56-2060				
2-1/8"	49-56-2120				
2-1/4"	49-56-2250		2"		2"
2-5/16"	49-56-2310				
2-3/8"	49-56-2370				
2-1/2"	49-56-2500			2"	2"
2-9/16"	49-56-2560	49-56-7055			
2-5/8"	49-56-2620	49-56-7130	2-1/2"		
2-3/4"	49-56-2750	49-56-7140			
2-7/8"	49-56-2870				
3"	49-56-3000			2-1/2"	2-1/2"
3-1/8"	49-56-3120				
3-1/4"	49-56-3250		3"		
3-3/8"	49-56-3370				
3-1/2"	49-56-3500				
3-5/8"	49-56-3620			3"	
3-3/4"	49-56-3750		3-1/2"		
3-7/8"	49-56-3870				3-1/2"
4"	49-56-4000				
4-1/8"	49-56-4120			3-1/2"	3-1/2"
4-1/4"	49-56-4250		4"	3-1/2"	4"
4-3/8"	49-56-4370				
4-1/2"	49-56-4500			4"	4"
4-3/4"	49-56-4750				
5"	49-56-5000				
5-1/2"	49-56-5500				5"
6"	49-56-6000				

SEE PAGE 23 FOR ARBORS, ORDER ARBORS SEPARATELY

HEAVY-DUTY HOLE SAW ARBORS

ARBORS AND HOLE SAWS ARE INTERCHANGEABLE WITH MOST OTHER BRANDS

HOLE SAW ARBORS

		CATALOG NUMBER	THREAD SIZE	PILOT DRILL SIZE	RECOMMENDED FOR HOLE SAW SIZES
	1/4" ROUND SHANK Drill chucks onto pilot drill. For small hole saws in light weight materials and wood.	**49-56-6950**	1/2"-20	1/4"	9/16" thru 1-3/16"
	1/4" SHANK WITH 3 FLATS Three milled flats prevent slipping in chuck. For small hole saws in medium weight materials and wood.	**49-56-6960**	1/2"-20	1/4"	9/16" thru 1-3/16"
	7/16" HEX SHANK Hex shank prevents slipping in chuck. For use with small hole saws in 1/2" and larger drills in medium to heavy weight materials.	**49-56-7000**	1/2"-20	1/4"	9/16" thru 1-3/16"
	1/4" SHANK WITH 3 FLATS Three milled flats prevent slipping in chuck. For use with 1-1/4" in 2" hole saws in medium to heavy weight materials.	**49-56-6970**	5/8"-18	1/4"	1-1/4" thru 2"
	QUICK CHANGE 7/16" HEX SHANK Hex shank prevents slipping in chuck. Pin drive construction permits fast interchanging of hole saws without removing arbor from chuck.	**49-56-7055**	5/8"-18	1/4"	1-1/4" and larger
	***ECONOMICAL QUICK CHANGE 7/16" HEX SHANK*** Hex shank prevents slipping in chuck. Pin drive construction permits fast interchanging of hole saws without removing arbor from chuck.	**49-56-7140**	5/8"-18	1/4"	1-1/4" and larger
	***ECONOMICAL QUICK CHANGE 5/8" HEX SHANK*** Hex shank prevents slipping in chuck. Pin drive construction permits fast interchanging of hole saws without removing arbor from chuck.	**49-56-7130**	5/8"-18	1/4"	1-1/4" and larger

PILOT DRILLS 1/4" HIGH SPEED PILOT DRILLS

(A) (B) (C)

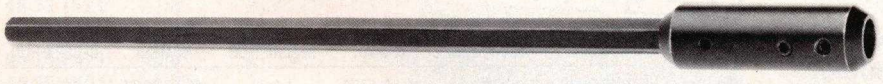
(A) NO. 49-56-8000 For use with Hole Saw arbors, 49-56-6950, 49-56-7000, 49-56-7055, 49-56-7130, 49-56-7140. For general cutting of wood and metal.
(B) NO. 49-56-8002 With 1/4" fluting for light gauge metals. For use with Hole Saw arbors, 49-56-6950, 49-56-7000, 49-56-7055, 49-56-7130, 49-56-7140.
(C) NO. 49-56-8003 For use with Hole Saw arbors 49-56-6960 and 49-56-6970. For general cutting of wood and metal.

1/4" CARBIDE-TIPPED PILOT DRILL

NO. 49-56-8005 For use with carbide-tip Hole Saws when drilling ceramic tile. Use with Hole Saw arbors, 49-56-6950, 49-56-7000, 49-56-7055, 49-56-7130, 49-56-7140.

ONE PIECE 7/16" HEX EXTENSION SHANKS

For Hole Saws, Selfeed Bits and Auger Bits (1" dia. and larger) with 7/16" hex shank.



ONE PIECE EXTENSION SHANK

CATALOG NUMBER	LENGTH	REPLACEMENT SET SCREW CATALOG NO.	REPLACEMENT SOCKET WRENCH CATALOG NO.
48-28-4000	5-1/2"	06-83-2620	49-96-0060
48-28-4005	12"	06-83-2620	49-96-0060
48-28-4010	18"	06-83-2620	49-96-0060
48-28-4015	24"	06-83-2620	49-96-0060

SEE PAGE 24 FOR HOLE SAW KITS

HEAVY-DUTY HOLE SAW KITS

IDEAL CUTTING TOOLS OF POPULAR SIZES ARRANGED IN CONVENIENT STORAGE UNITS

NEW

7 PIECE HOLE SAW KIT
NO. 49-22-4070

Consists of 7/8", 1", 1-1/8", 1-1/4". 1-1/2" sizes. Arbor No. 49-56-6950. Arbor Adapters No. 49-56-6560. Arbor Spacer No. 49-67-0120 and sturdy Plastic Case.

PLASTIC CASE ONLY **NO. 48-55-0782**

NEW

13 PIECE HOLE SAW KIT
NO. 49-22-4065

Consists of 3/4", 7/8", 1-1/8", 1-3/8", 1-1/2", 1-3/4", 2", 2-1/4", 2-1/2" sizes. Arbor Nos. 49-56-7140, 49-56-6950, Pilot Drill No. 49-56-8000. Arbor Adapter No. 49-56-6560, Arbor Spacer 49-67-0120 and sturdy Plastic Case.

PLASTIC CASE ONLY **NO. 48-55-0781**

NEW

7 PIECE CARBIDE TIPPED HOLE SAW KIT
NO. 49-22-4075

Consists of 7/8", 1", 1-1/8", 1-1/4", 1-1/2" sizes. Arbor No. 49-56-6950, Arbor Adapter No. 49-56-6560. Arbor Spacer No. 49-67-0120 and sturdy Plastic Case.

PLASTIC CASE ONLY **NO. 48-55-0783**

NEW

17 PIECE HOLE SAW KIT
NO. 49-22-4085

Consists of 5/8", 3/4", 7/8", 1", 1-1/8", 1-1/4", 1-3/8", 1-1/2", 1-3/4", 2", 2-1/2", 3" sizes. Arbors Nos. 49-56-7140, 49-56-7000. 3 of No. 49-56-8000 Pilot Drills and sturdy Plastic Case.

PLASTIC CASE ONLY **NO. 48-55-0784**

DEEP CUTTING HOLE SAW KIT
NO. 49-22-4060

Consists of 1", 1-1/4", 1-1/2", 1-3/4", 2-1/4", 3", 3-3/8" sizes, Arbor Nos. 49-56-(7000 and 7140) and steel case.

STEEL CASE ONLY
NO. 48-55-0760

STANDARD HOLE SAW AND ARBOR MERCHANDISER
NO. 49-22-4121

Space saving wall or counter display measures only 27" high × 22" wide × 6" deep. Hole saws and accessories conveniently snap in and out. Complete with one each of 33 of the most popular Standard Depth Hole Saws, 4 Arbors and a 12" One Piece Extension.

STANDARD HOLE SAW KIT
NO. 49-22-4050

Consists of 7/8", 1-1/8", 1-1/2", 1-3/4", 2", 2-1/2" sizes. Arbor Nos. 49-56-(7000 and 7140) and steel case.

STEEL CASE ONLY
NO. 48-55-0760

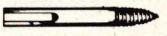
CATALOG NUMBER	DESCRIPTION	CATALOG NUMBER	DESCRIPTION	CATALOG NUMBER	DESCRIPTION
49-56-0620	5/8"	49-56-1750	1-3/4"	49-56-3500	3-1/2"
49-56-0680	11/16"	49-56-1870	1-7/8"	49-56-3620	3-5/8"
49-56-0750	3/4"	49-56-2000	2"	49-56-3750	3-3/4"
49-56-0870	7/8"	49-56-2060	2-1/16"	49-56-4000	4"
49-56-0930	15/16"	49-56-2120	2-1/8"	49-56-4250	4-1/4"
49-56-1000	1"	49-56-2250	2-1/4"	49-56-6950	Arbor
49-56-1060	1-1/16"	49-56-2370	2-3/8"	49-56-7000	Arbor
49-56-1120	1-1/8"	49-56-2500	2-1/2"	49-56-7130	Arbor
49-56-1180	1-3/16"	49-56-2620	2-5/8"	49-56-7140	Arbor
49-56-1250	1-1/4"	49-56-2750	2-3/4"	48-28-4005	12" One Piece Extension Coupling
49-56-1310	1-5/16"	49-56-2870	2-7/8"		
49-56-1370	1-3/8"	49-56-3000	3"		
49-56-1500	1-1/2"	49-56-3120	3-1/8"		
49-56-1620	1-5/8"	49-56-3250	3-1/4"		

HEAVY-DUTY DRILL ACCESSORIES

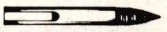
SELFEED BITS • FASTER CUTTING • IMPROVED BALANCE • REDUCED RUNOUT

All sizes have removable and replaceable feed screws. Two feed screws furnished with each bit — Regular and Coarse feed screws permit selecting the right feed for the material you're drilling. Course feed screw provides fast effortless feeding even in gummy woods. Inside cutting plane shaves hole radius for clean smooth holes without pressure.

CATALOG NUMBER	DESCRIPTION	SHANK TYPE	RECOMMENDED WITH DRILL MODELS	FOR STD. PIPE SIZES
48-25-1001	1" dia.	3 Milled Flats	For 1/2" and larger drills	1/2"
48-25-1121	1-1/8" dia.	3 Milled Flats		3/4"
48-25-1251	1-1/4" dia.	3 Milled Flats		
48-25-1371	1-3/8" dia.	3 Milled Flats	For 1/2" D-Handle drills and larger drills	1"
48-25-1501	1-1/2" dia.	3 Milled Flats		
48-25-1751	1-3/4" dia.	3 Milled Flats		1"
48-25-2001	2" dia.	3 Milled Flats		1-1/2"
48-25-2121	2-1/8" dia.	3 Milled Flats		
48-25-2251	2-1/4" dia.	3 Milled Flats		
48-25-2561	2-9/16" dia.	3 Milled Flats	For 1/2" D-Handle drills and larger drills except 1001-1 and 1007-1	2"



FEED SCREW
COARSE THREAD
NO. 48-28-6870



FEED SCREW
REGULAR THREAD
NO. 48-28-6875

SOCKET WRENCH
NO. 49-96-0060

SET SCREW
NO. 06-83-2625

LARGE SELFEED BITS

Large SELFEED BITS in 3", 3-5/8" and 4-5/8" sizes have double inside cutter blades that shave hole radius for clean smooth holes without pressure. Two feed screws furnished with each bit.

CATALOG NUMBER	DESCRIPTION	SHANK TYPE	RECOMMENDED USE WITH DRILL MODELS	FOR STD. PIPE SIZES
48-25-3001	3" dia.	3 Milled Flats	1675-1, 1700-1 and larger	3"●
48-25-3621	3-5/8" dia.	3 Milled Flats	1675-1, 1700-1 and larger	3"●
48-25-4621	4-5/8" dia.	3 Milled Flats	1675-1, 1750-1 and larger	4"●
48-07-0201	Replaceable Arbor			
48-28-6880	Feed Screw			
49-96-0070	Socket Wrench			
06-83-3150	Set Screw			

● Cast Iron or Copper Pipe Size

ONE PIECE 7/16" HEX SHANK EXTENSION SHANKS

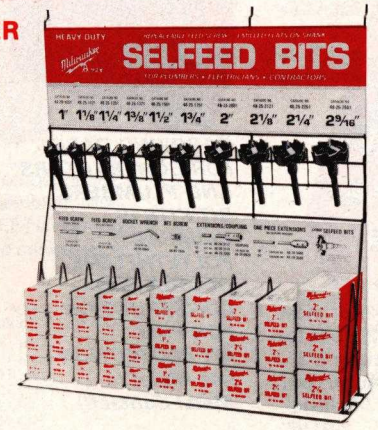
FOR SELFEED BITS, AUGER BITS AND HOLE SAWS (1" DIA. AND LARGER) WITH 7/16" HEX SHANK.

CATALOG NUMBER	LENGTH	REPLACEMENT SET SCREW CATALOG NO.	REPLACEMENT SOCKET WRENCH CATALOG NO.
48-28-4000	5-1/2"	06-83-2620	49-96-0060
48-28-4005	12"	06-83-2620	49-96-0060
48-28-4010	18"	06-83-2620	49-96-0060
48-28-4015	24"	06-83-2620	49-96-0060

SELFEED BIT MERCHANDISER

NO. 49-22-0111

CATALOG NUMBER	SIZE	NUMBER OF BITS
48-25-1001	1"	2
48-25-1121	1-1/8"	2
48-25-1251	1-1/4"	2
48-25-1371	1-3/8"	2
48-25-1501	1-1/2"	2
48-25-1751	1-3/4"	2
48-25-2001	2"	1
48-25-2121	2-1/8"	2
48-25-2251	2-1/4"	2
48-25-2561	2-9/16"	2



Convenient display can hang on perforated board or rest on counter tops. A sample of each bit size can be displayed for customer inspection. Large header sign and back panel provide information regarding different bits and accessories available. Holds up to 45 MILWAUKEE Selfeed Bits. Merchandiser supplied with bits in ten different sizes.

- **COMPACT, 24-1/2" × 13"**
- **HANGS ON PEGBOARD** Frees counter or floor space
- **ATTENTION GETTER** Two color header
- **DISPLAYS 10 DIFFERENT BIT SIZES**

SELFEED BIT DISPLAY

NO. 49-22-0112

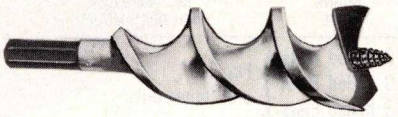
Display plus one each of Selfeed Bits listed below.

CATALOG NUMBER	SIZE
48-25-1001	1"
48-25-1121	1-1/8"
48-25-1251	1-1/4"
48-25-1371	1-3/8"
48-25-1501	1-1/2"
48-25-1751	1-3/4"
48-25-2001	2"
48-25-2121	2-1/8"
48-25-2251	2-1/4"
48-25-2561	2-9/16"

HEAVY-DUTY DRILL ACCESSORIES

WOOD BORING BITS

HEAVY-DUTY AUGER BITS

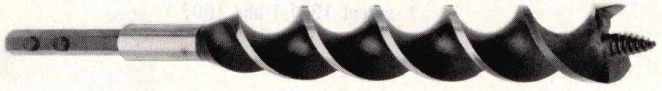


4" TWIST **6-1/2" OVERALL LENGTH**

Sizes from 3/4" to 1-1/2". . . All 4" twist and 6-1/2" long. 7/16" hex shanks for sure chuck grip. Precision made of special bit steel, heat treated and tempered for long life. Feed screw pilot draws bit into wood. Cutting spurs and lips stay sharp longer.

CATALOG NUMBER	DESCRIPTION	FOR STD. PIPE SIZES
48-13-0750	3/4" × 4" Twist	
48-13-0870	7/8" × 4" Twist	3/8"
48-13-1000	1" × 4" Twist	
48-13-1120	1-1/8" × 4" Twist	1/2"
48-13-1250	1-1/4" × 4" Twist	3/4"
48-13-1370	1-3/8" × 4" Twist	
48-13-1500	1-1/2" × 4" Twist	1"

HEAVY-DUTY ELECTRICIANS' BITS

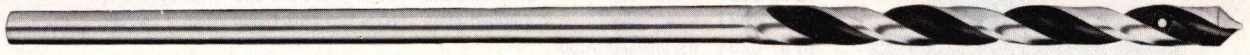


6" TWIST **8-1/2" OVERALL LENGTH**

A fast spiral, two flute—six inch twist, self feeding bit for any tradesman needing a smooth, clean hole 5/8" to 1-1/4". 5/8"—1" diameter bits have a 5/16" hex shank and 1-1/8"—1-1/4" diameter bits have a 7/16" hex shank.

DIAMETER	CATALOG NUMBER	DIAMETER	CATALOG NUMBER
5/8"	**48-13-8062**	7/8"	**48-13-8087**
11/16"	**48-13-8068**	1"	**48-13-8100**
3/4"	**48-13-8075**	1-1/8"	**48-13-8112**
13/16"	**48-13-8081**	1-1/4"	**48-13-8125**

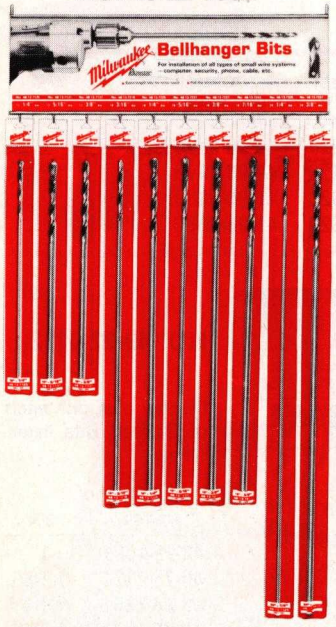
HEAVY-DUTY BELLHANGER BITS



For installers of all types of small wire systems—computer, security, phone, cable, etc. Extra length for extra reach. Pull the wire back through the hole by simply attaching a line or the wire to the bit.

DIAMETER	CATALOG NUMBER	OVERALL LENGTH	DIAMETER	CATALOG NUMBER	OVERALL LENGTH
1/4"	**48-13-7125**	12"	5/16"	**48-13-7231**	18"
5/16"	**48-13-7131**	12"	3/8"	**48-13-7237**	18"
3/8"	**48-13-7137**	12"	7/16"	**48-13-7243**	18"
3/16"	**48-13-7218**	18"	1/4"	**48-13-7325**	24"
1/4"	**48-13-7225**	18"	3/8"	**48-13-7337**	24"

BELLHANGER BIT MERCHANDISER
NO. 49-22-7000



Compact, attractive wall hanging or pegboard mounting merchandiser. Bits are packaged in a reusable vinyl sleeve. Displays the 10 different bit sizes offered and comes complete with 30 bits (3 each) as listed in chart above.

PLUMBERS' BIT KIT
NO. 49-22-0065

Complete assortment of the most commonly used MILWAUKEE bits for BIG HOLE drilling. Sizes include 7/8", 1-1/8", 1-1/4", 1-1/2". Auger Bits and famous MILWAUKEE "Selfeed" Bits in 1-3/4", 2-1/8", 2-9/16" diameters. Also 5-1/2" one piece—shank and coupling—extension, one coarse and one regular feed screw pilot, socket wrench, carrying case.

CARRYING CASE FOR CONTRACTORS' AND PLUMBERS' BIT KITS IS HI-IMPACT POLYETHELENE DOUBLE WALL CONSTRUCTION FOR FULL BIT PROTECTION (No Metal to Metal Contact!)

CASE ONLY:
CONTRACTORS' KIT
NO. 48-55-0775
PLUMBERS' KIT
NO. 48-55-0790

CONTRACTORS' BIT KIT
NO. 49-22-0130

Complete assortment of the most commonly used MILWAUKEE Selfeed Bits for BIG HOLE drilling. Sizes include 1", 1-1/8", 1-1/4", 1-1/2", 1-3/4", 2-1/8", 2-9/16" diameters. Also 5-1/2" one piece—shank and coupling—extension, two extra feed screw pilots for each bit (one coarse and one regular), three socket wrenches and carrying case.

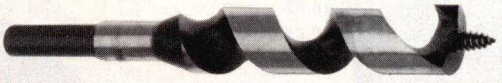
HEAVY-DUTY DRILL ACCESSORIES

HEAVY-DUTY SHIP AUGER BITS

3/8" SHANK **15" TWIST** **18" OVERALL LENGTH**

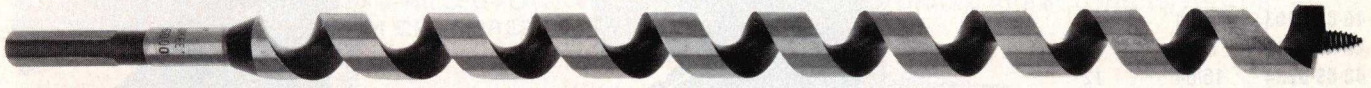
Cut overall cost per hole by using these accurately machined 3/8" shank ship auger bits. A tough fast-cutting shiphead plus precision hardened cutting edges require less frequent resharpening. 3/8" D-Handle drill and larger can use all bits, also fits hand braces.

DIAMETER	CATALOG NUMBER	DIAMETER	CATALOG NUMBER
9/16"	48-13-0561	13/16"	48-13-0811
5/8"	48-13-0621	7/8"	48-13-0871
11/16"	48-13-0681	15/16"	48-13-0931
3/4"	48-13-0751	1"	48-13-1001
11/16"	48-13-0683	1-1/16"	48-13-1063
3/4"	48-13-0753	1-1/8"	48-13-1123
13/16"	48-13-0813	1-1/4"	48-13-1253
7/8"	48-13-0873	1-3/8"	48-13-1373
15/16"	48-13-0933	1-1/2"	48-13-1503
1"	48-13-1003		



1/2" SHANK **4" TWIST** **6" OVERALL LENGTH**

Precision machined for smooth wobble free boring. 1/2" D-Handle drills and larger can use all bits.

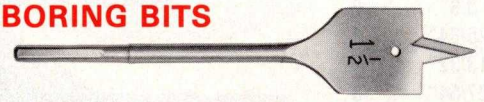


1/2" SHANK **15" TWIST** **18" OVERALL LENGTH**

For all types of construction. Accurately machined for tough deep hole boring in wood. 1/2" D-Handle drills and larger can use all Bits. Feed screw point, one cutting edge and side lip produce fast cutting.

9/16"	48-13-5560	1"	48-13-6000
5/8"	48-13-5620	1-1/16"	48-13-6010
11/16"	48-13-5680	1-1/8"	48-13-6120
3/4"	48-13-5750	1-1/4"	48-13-6250
13/16"	48-13-5810	1-3/8"	48-13-6370
7/8"	48-13-5870	1-1/2"	48-13-6500
15/16"	48-13-5930		

HEAVY-DUTY FLAT BORING BITS



- **3 MILLED FLATS FOR SECURE CHUCK GRIP**
- **1/4" to 1-1/2" DIAMETERS**

Flat Boring Bits are precision made of high carbon steel for durability and long life. Bore clean holes fast at any angle in wood, plastic, plywood and formica. Drill point and cutting edges can be resharpened often.

DIAMETER	CATALOG NUMBER	SHANK DIAMETER	OVERALL LENGTH	DIAMETER	CATALOG NUMBER	SHANK DIAMETER	OVERALL LENGTH
1/4"	48-27-0251	3/16"	6-1/8"	13/16"	48-27-0811	1/4"	6-1/8"
5/16"	48-27-0311	3/16"	6-1/8"	7/8"	48-27-0871	1/4"	6-1/8"
3/8"	48-27-0371	1/4"	6-1/8"	15/16"	48-27-0941	1/4"	6-1/8"
7/16"	48-27-0441	1/4"	6-1/8"	1"	48-27-1001	1/4"	6-1/8"
1/2"	48-27-0501	1/4"	6-1/8"	1-1/8"	48-27-1121	1/4"	6-3/4"
9/16"	48-27-0561	1/4"	6-1/8"	1-1/4"	48-27-1251	1/4"	6-3/4"
5/8"	48-27-0621	1/4"	6-1/8"	1-3/8"	48-27-1371	1/4"	6-3/4"
11/16"	48-27-0681	1/4"	6-1/8"	1-1/2"	48-27-1501	1/4"	6-3/4"
3/4"	48-27-0751	1/4"	6-1/8"				

FLAT BORING BIT MERCHANDISER NO. 49-22-0082

Convenient wall hanging or for mounting on pegboard. Comes to you attractively finished and assembled. Merchandiser unit is supplied with MILWAUKEE Flat Boring Bits in the assortment listed below. Bits are packaged in durable, clear vinyl jackets.

CATALOG NUMBER	NUMBER PACKAGES	CATALOG NUMBER	NUMBER PACKAGES	CATALOG NUMBER	NUMBER PACKAGES
48-27-0251	2	48-27-0621	2	48-27-1001	2
48-27-0311	2	48-27-0681	2	48-27-1121	2
48-27-0371	2	48-27-0751	2	48-27-1251	2
48-27-0441	2	48-27-0811	2	48-27-1371	2
48-27-0501	2	48-27-0871	2	48-27-1501	2
48-27-0561	2	48-27-0941	2	49-22-0071	2

12" FLAT BORING BIT EXTENSION NO. 48-28-3350

For 1/4" Shank Flat Boring Bits

FLAT BORING BIT KIT NO. 49-22-0071

Contains 6 popular size flat boring bits in heavy protective plastic. Assortment includes 3/8", 1/2", 5/8", 3/4", 7/8" and 1" sizes in pockets for orderly storage, easy size selection.

HIGH SPEED STEEL TWIST DRILLS

JOBBERS LENGTH TWIST DRILLS

● PRECISION GROUND FLUTES FOR ACCURATE HOLE SIZES ● BLACK OXIDE FINISH ACTS AS LUBRICANT ● HIGH SPEED STEEL THROUGHOUT ● 118° POINT FOR EASIER STARTING ● CAPABLE OF DRILLING WIDE RANGE OF MATERIALS INCLUDING CAST MALLEABLE IRON, STEEL, AND STEEL FORGINGS ● THE ULTIMATE IN GENERAL PURPOSE JOBBERS DRILLS

CATALOG NUMBER (PACKAGE)	SIZE	QUANTITY PER PACKAGE
48-89-0062	1/16"	12
48-89-0078	5/64"	12
48-89-0093	3/32"	12
48-89-0109	7/64"	12
48-89-0125	1/8"	12
48-89-0140	9/64"	12
48-89-0156	5/32"	12
48-89-0171	11/64"	12
48-89-0187	3/16"	12
48-89-0203	13/64"	12
48-89-0218	7/32"	12
48-89-0234	15/64"	12
48-89-0250	1/4"	12
48-89-0265	17/64"	12
48-89-0281	9/32"	12
48-89-0296	19/64"	12
48-89-0312	5/16"	6
48-89-0328	21/64"	6
48-89-0343	11/32"	6
48-89-0359	23/64"	6
48-89-0375	3/8"	6
48-89-0390	25/64"	6
48-89-0406	13/32"	6
48-89-0421	27/64"	6
48-89-0437	7/16"	6
48-89-0453	29/64"	6
48-89-0468	15/32"	6
48-89-0484	31/64"	6
48-89-0500	1/2"	6

NOTE: LUBRICATE DRILL BITS WITH CUTTING OIL WHEN DRILLING IRON OR STEEL. USE A COOLANT WHEN DRILLING NON-FERROUS METALS SUCH AS COPPER, BRASS OR ALUMINUM. ALWAYS WEAR SAFETY GLASSES.

22" WIDE
10-1/4" HIGH
21-3/4" DEEP

COMPLETE WITH 33 PACKAGES (306 TWIST DRILL BITS). 1 PACKAGE EACH AS LISTED IN CHART ABOVE, PLUS ADDITIONAL PACKAGE OF 1/8", 1/4", 3/8" and 1/2" BITS.

JOBBERS LENGTH TWIST DRILL SETS

Available in steel "organizer" cases with folding, holding trays which have permanently marked drill sizes.

13 PIECE SET

NO. 48-89-0030 has two folding, holding trays. Sizes 1/16" to 1/4" by 64ths.

Case only, **NO. 48-55-0787**

15 PIECE SET

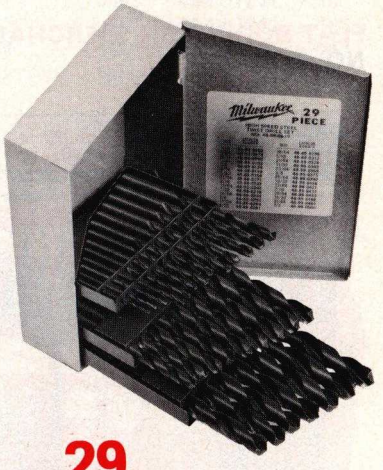
NO. 48-89-0020 has two folding, holding trays. Sizes 1/16" to 1/2" by 32nds.

Case only, **NO. 48-55-0786**

21 PIECE SET

NO. 48-89-0015 has two folding, holding trays. Sizes 1/16" to 3/8" by 64ths.

Case only, **NO. 48-55-0788**



29 PIECE SET

NO. 48-89-0010 has three folding, holding trays. Sizes 1/16" to 1/2" by 64ths.

Case only, **NO. 48-55-0785**

JOBBERS LENGTH TWIST DRILL MERCHANDISER

NO. 49-22-0106

● HEAVY-DUTY WOOD BASE WITH LARGE BIT STORAGE IN BACK OF DISPLAY ● PROTECTIVE CLEAR ACRYLIC COVER OPENS FROM TOP DOWN FOR EASY COUNTERPERSON ACCESS

● 29 STORAGE TRAYS MARKED WITH BIT SIZES FOR CUSTOMER SELECTION ● DRILL GAUGE ON FRONT PANEL

HIGH SPEED STEEL TWIST DRILLS

PRECISION GROUND FLUTES FOR ACCURATE HOLE SIZES • BLACK OXIDE FINISH ACTS AS LUBRICANT

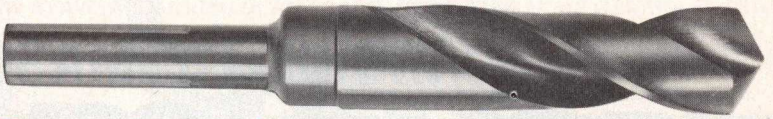
1/4" SHANK TWIST DRILLS

• 1/4" STRAIGHT SHANK • HIGH SPEED STEEL • DRILLS A WIDE RANGE OF MATERIALS INCLUDING SHEET METAL, CAST MALLEABLE IRON, METAL AND WOOD.

PACKED 1 BIT PER TUBE

CATALOG NUMBER	BIT SIZE	FLUTE LENGTH	OVERALL LENGTH
48-89-0266	17/64"	2"	3-5/8"
48-89-0282	9/32"	2"	3-5/8"
48-89-0297	19/64"	2-1/8"	3-7/8"
48-89-0313	5/16"	2-1/8"	3-7/8"
48-89-0329	21/64"	2-1/4"	4-1/8"
48-89-0344	11/32"	2-1/4"	4-1/8"
48-89-0360	23/64"	2-3/8"	4-1/4"
48-89-0376	3/8"	2-3/8"	4-1/4"
48-89-0391	25/64"	2-1/2"	4-1/2"
48-89-0407	13/32"	2-1/2"	4-1/2"
48-89-0422	27/64"	2-5/8"	4-5/8"
48-89-0438	7/16"	2-5/8"	4-5/8"
48-89-0454	29/64"	2-3/4"	4-3/4"
48-89-0469	15/32"	2-3/4"	4-3/4"
48-89-0485	31/64"	2-7/8"	4-7/8"
48-89-0501	1/2"	2-7/8"	4-7/8"

1/2" SHANK TWIST DRILLS
SILVER AND DEMING



• 1/2" STRAIGHT SHANK WITH 3 MILLED FLATS • HIGH SPEED STEEL • ALL DRILLS ARE 6" LONG WITH 3-1/8" FLUTE. RECOMMENDED FOR USE WITH DRILL PRESS ONLY.

PACKED 1 BIT PER TUBE

CATALOG NUMBER	SIZE	CATALOG NUMBER	SIZE	CATALOG NUMBER	SIZE
48-89-0531	17/32"	**48-89-0781**	25/32"	**48-89-1031**	1-1/16"
48-89-0562	9/16"	**48-89-0812**	13/16"	**48-89-1125**	1-1/8"
48-89-0593	19/32"	**48-89-0843**	27/32"	**48-89-1187**	1-3/16"
48-89-0625	5/8"	**48-89-0875**	7/8"	**48-89-1250**	1-1/4"
48-89-0656	21/32"	**48-89-0906**	29/32"	**48-89-1312**	1-5/16"
48-89-0687	11/16"	**48-89-0937**	15/16"	**48-89-1375**	1-3/8"
48-89-0718	23/32"	**48-89-0968**	31/32"	**48-89-1437**	1-7/16"
48-89-0750	3/4"	**48-89-1000**	1"	**48-89-1500**	1-1/2"

8 PIECE SET
SILVER AND DEMING

NO. 48-89-0035 has one folding, holding tray. Sizes 9/16" to 1" by 16ths. 1/2" straight shank with 3 milled flats recommended for use only in drill press application.

Case only, **NO. 48-55-0789**

DOUBLE END TWIST DRILL

• ECONOMICAL DOUBLE END BIT FOR DRILLING A WIDE RANGE OF MATERIALS INCLUDING SHEET METAL, CAST MALLEABLE IRON, METAL AND WOOD
• 135° SPLIT POINT
• LENGTHS APPROXIMATELY 2" TO 2-3/8"

PACKED 12 DRILLS PER PACKAGE

CATALOG NUMBER	SIZE	CATALOG NUMBER	SIZE
48-89-8109	7/64"	**48-89-8218**	7/32"
48-89-8125	1/8"	**48-89-8250**	1/4"
48-89-8140	9/64"	**48-89-8011**	(No. 11)
48-89-8156	5/32"	**48-89-8020**	(No. 20)
48-89-8187	3/16"	**48-89-8030**	(No. 30)

STUB LENGTH TWIST DRILLS

• SELF-CENTERING POINT "GUIDE START" • 135° SPLIT POINT PREVENTS DRILL FROM WALKING
• IDEAL FOR USE BY HEATING AND AIR CONDITIONING, AUTO BODY SHOPS AND SHEET METAL WORKERS

PACKED 12 AND 6 PER PACKAGE. SEE CHARTS BELOW.

CATALOG NUMBER (PACKAGE)	SIZE	QUANTITY PER PACKAGE	OVERALL LENGTH (INS.)	CATALOG NUMBER (PACKAGE)	SIZE	QUANTITY PER PACKAGE	OVERALL LENGTH (INS.)	CATALOG NUMBER (PACKAGE)	SIZE	QUANTITY PER PACKAGE	OVERALL LENGTH (INS.)
48-89-0064	1/16"	12	1-5/8	**48-89-0220**	7/32"	12	2-3/8	**48-89-0377**	3/8"	6	3-1/8
48-89-0080	5/64"	12	1-11/16	**48-89-0236**	15/64"	12	2-7/16	**48-89-0392**	25/64"	6	3-1/4
48-89-0095	3/32"	12	1-3/4	**48-89-0252**	1/4"	12	2-1/2	**48-89-0408**	13/32"	6	3-5/16
48-89-0111	7/64"	12	1-13/16	**48-89-0267**	17/64"	12	2-5/8	**48-89-0423**	27/64"	6	3-3/8
48-89-0127	1/8"	12	1-7/8	**48-89-0283**	9/32"	12	2-11/16	**48-89-0439**	7/16"	6	3-7/16
48-89-0142	9/64"	12	1-15/16	**48-89-0298**	19/64"	12	2-3/4	**48-89-0455**	29/64"	6	3-9/16
48-89-0158	5/32"	12	2-1/16	**48-89-0314**	5/16"	6	2-13/16	**48-89-0470**	15/32"	6	3-5/8
48-89-0173	11/64"	12	2-1/8	**48-89-0330**	21/64"	6	2-15/16	**48-89-0486**	31/64"	6	3-11/16
48-89-0189	3/16"	12	2-3/16	**48-89-0345**	11/32"	6	3	**48-89-0502**	1/2"	6	3-3/4
48-89-0205	13/64"	12	2-1/4	**48-89-0361**	23/64"	6	3-1/16				

NOTE: LUBRICATE DRILL BITS WITH CUTTING OIL WHEN DRILLING IRON OR STEEL. USE A COOLANT WHEN DRILLING NON-FERROUS METALS SUCH AS COPPER, BRASS OR ALUMINUM. ALWAYS WEAR SAFETY GLASSES.

HIGH SPEED STEEL TWIST DRILLS

PRECISION GROUND FLUTES FOR ACCURATE HOLE SIZES • BLACK OXIDE FINISH ACTS AS LUBRICANT

STUB LENGTH WIRE SIZE TWIST DRILLS

- **SELF-CENTERING POINT "GUIDE START" • 135° SPLIT POINT PREVENTS DRILL FROM WALKING**
- **IDEAL FOR MACHINE SHOP USE**

PACKED 12 DRILLS PER PACKAGE

CATALOG NUMBER (PACKAGE)	WIRE GAUGE NO.	FLUTE LENGTH	OVERALL LENGTH	QUAN. PER PKG.
48-89-9001	1	1-5/16"	2-7/16"	12
48-89-9002	2	1-5/16"	2-7/16"	12
48-89-9007	7	1-3/16"	2-1/4"	12
48-89-9008	8	1-3/16"	2-1/4"	12
48-89-9010	10	1-3/16"	2-1/4"	12
48-89-9011	11	1-3/16"	2-1/4"	12
48-89-9014	14	1-1/8"	2-3/16"	12
48-89-9020	20	1-1/16"	2-1/8"	12
48-89-9021	21	1-1/16"	2-1/8"	12
48-89-9022	22	1-1/16"	2-1/8"	12
48-89-9028	28	15/16"	1-15/16"	12
48-89-9030	30	15/16"	1-15/16"	12
48-89-9040	40	13/16"	1-13/16"	12

NOTE: **LUBRICATE DRILL BITS WITH CUTTING OIL WHEN DRILLING IRON OR STEEL. USE A COOLANT WHEN DRILLING NON-FERROUS METALS SUCH AS COPPER, BRASS OR ALUMINUM. ALWAYS WEAR SAFETY GLASSES.**

CARBIDE-TIP MASONRY BITS

ONE PIECE DESIGN
(1" THRU 7/8")

TWO PIECE DESIGN
(1" THRU 1-1/2")
Shank is 1/2" hex with 1/2"-13 thread...nut serves as bit shoulder

EXTRA LENGTH BIT
• (1/4" NO. 48-87-0251 and 1/2" NO. 48-87-0502)
Narrow lands and fast spiral for rapid dust removal

SPECIAL FEATURES

- **Alloy steel shank for strength and durability**
- **Shallow precision machined oval flutes prevent dust packing**
- **Carbide-tip...the hardest metal made...brazed to alloy steel bodies**

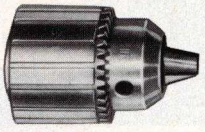
Drills masonry, brick, stone, plaster, slate. Wide, spiral flutes lift dust out of hole. Bit cuts at maximum efficiency without clogging. Produces clean, accurately sized holes fast. Carbide tip resists dulling. Bits may be resharpened on bench grinder using silicon carbide grinding wheel.

DIAMETER	CATALOG NUMBER	SHANK DIA.	OVERALL BIT LENGTH
1/8"	48-87-0120	1/8"	3"
5/32"	48-87-0150	5/32"	3"
11/64"	48-87-0170	11/64"	3"
3/16"	48-87-0180	3/16"	3"
7/32"	48-87-0210	1/4"	3"
1/4"	48-87-0250	1/4"	4"
1/4"	48-87-0251●	1/4"	12"
1/4"	48-87-0253	1/4"	6"
9/32"	48-87-0280	1/4"	4"
5/16"	48-87-0310	1/4"	4"
3/8"	48-87-0370	1/4"	4"
7/16"	48-87-0430	1/4"	6"
1/2"	48-87-0500	3/8"	6"
1/2"	48-87-0502●	3/8"	18"
9/16"	48-87-0560	3/8"	6"
5/8"	48-87-0620	1/2"	6"
11/16"	48-87-0680	1/2"	6"
3/4"	48-87-0750	1/2"	6"
7/8"	48-87-0870	1/2"	6"
1"	48-87-1000	1/2"	12"
1-1/8"	48-87-1120	1/2"	12"
1-1/4"	48-87-1250	1/2"	12"
1-1/2"	48-87-1500	1/2"	12"

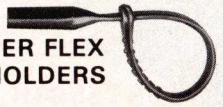
● Extra length bit

INDUSTRIAL DRILL CHUCKS

INDUSTRIAL CHUCKS



CHUCK KEYS



RUBBER FLEX KEY HOLDERS

CHUCKS FOR NON-REVERSING DRILLS (Chuck Key Included)

CHUCK CATALOG NUMBER	CAPACITY	THREAD SIZE	CHUCK KEY CATALOG NUMBER	KEY HOLDER CATALOG NUMBER
48-66-0260	1/4"	3/8"-24	48-66-3200	48-66-4080
48-66-0500	5/16"	3/8"-24	48-66-3240	48-66-4040
48-66-0540	5/16"	1/2"-20	48-66-3240	48-66-4040
48-66-0800	3/8"	3/8"-24	48-66-3080	48-66-4040
48-66-0810	3/8"	3/8"-24	48-66-3240	48-66-4040
48-66-1640	5/8"	5/8"-16	48-66-3120	48-66-4020
48-66-2040	3/4"	5/8"-16	48-66-3160	48-66-4020
48-66-2050	3/4"	3/4"-16	48-66-3160	48-66-4020

CHUCKS FOR REVERSING DRILLS (Chuck Key Included)

CHUCK CATALOG NUMBER	CAPACITY	THREAD SIZE	CHUCK KEY CATALOG NUMBER	KEY HOLDER CATALOG NUMBER
48-66-0104	1/4"	1/2"-20	48-66-3200	48-66-4080
48-66-0224	3/8"	1/2"-20	48-66-3280	48-66-4040
48-66-0230●	1/4"	#1 Taper	48-66-3200	48-66-4080
48-66-0240●	3/8"	#2 Taper	48-66-3080	48-66-4040
48-66-0795	3/8"	3/8"-24	48-66-3240	48-66-4040
48-66-0816	3/8"	3/8"-24	48-66-3350	—
48-66-0817	3/8"	3/8"-24	48-66-3350	—
48-66-1360	1/2"	1/2"-20	48-66-3280	48-66-4040
48-66-1380	1/2"	5/8"-16	48-66-3280	48-66-4040
48-66-1480	1/2"	#6 Taper	48-66-3120	48-66-4020
48-66-1680	5/8"	#3 Taper	48-66-3120	48-66-4020
48-66-2000	3/4"	#3 Taper	48-66-3160	48-66-4020
48-66-2080	3/4"	#3 Taper	48-66-3160	48-66-4020

● Chuck Removal Wedges required (Set of 2)
For 1/4" Drill—#1 Jacobs Taper **No. 49-91-0010**
For 3/8" Drill—#2 Jacobs Taper **No. 49-91-0020**

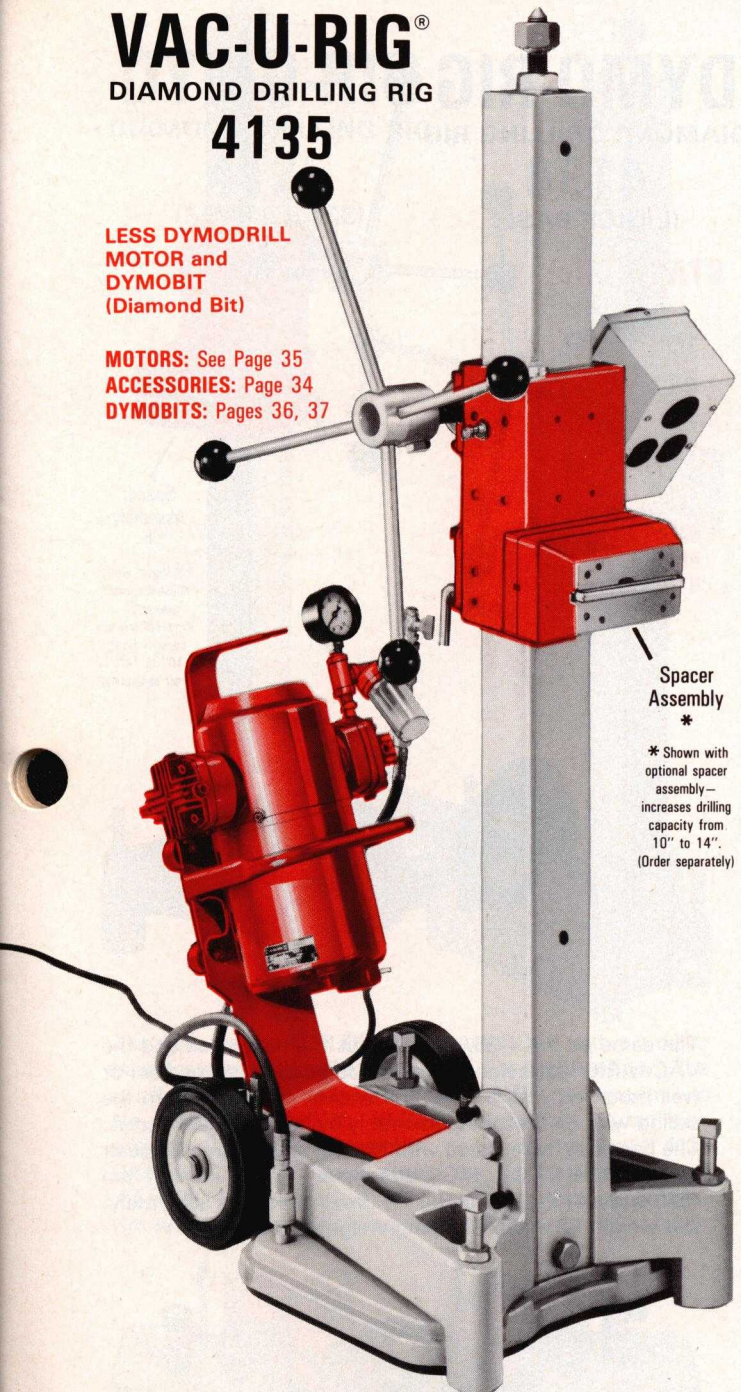
HEAVY-DUTY DIAMOND DRILLING EQUIPMENT

FOR DIAMOND CORE DRILLING IN REINFORCED CONCRETE • TILE • MASONRY • MARBLE

VAC-U-RIG®
DIAMOND DRILLING RIG
4135

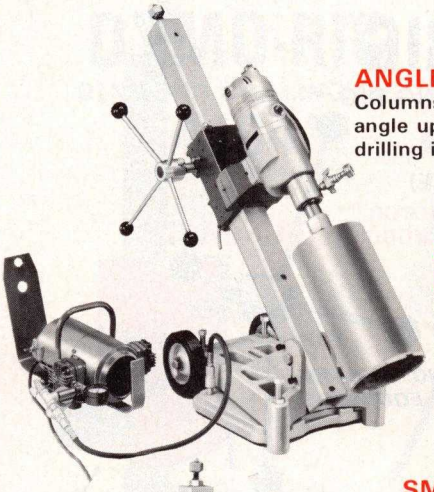
LESS DYMODRILL MOTOR and DYMOBIT (Diamond Bit)

MOTORS: See Page 35
ACCESSORIES: Page 34
DYMOBITS: Pages 36, 37



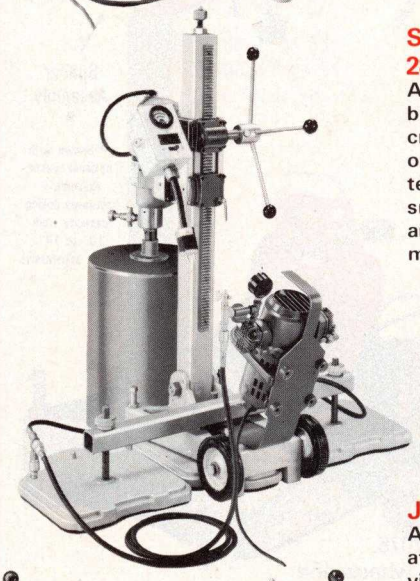
* Shown with optional spacer assembly—increases drilling capacity from 10" to 14". (Order separately)

For use with DYMODRILL motors. The No. 4135 VAC-U-RIG® consists of a No. 4130 DYMORIG, a 30 amp meter box No. 48-51-0100, and a VAC-U-RIG® attachment kit No. 49-22-7070. Includes large base with wheels and four leveling screws, adjustable tilting column, cradle for motor mounting, four spoke wheel feed control, bubble level and jack screw. The VAC-U-RIG® attachment kit supplied with No. 4135 includes one vacuum pad and a vacuum pump assembly with gauge, filter, air hose and fittings. The No. 4135 can also be used without vacuum and column will accept small base assembly No. 48-10-0080. See page 34. Net weight 126 lbs. Shipping weight 148 lbs.



ANGLE DRILLING
Columns can be set at any angle up to 45° when angle drilling is required.

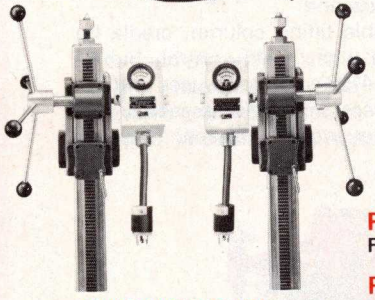
EXTRA RIGIDITY
The 3" square tubular column has 1/4" thick walls for superior strength in demanding situations.



SMOOTH CRADLE 28" TRAVEL
Adjustable and fixed brass gibs inside the cradle contact all sides of the cradle for proper tension. Gibs provide smooth cradle travel and precise drill alignment.

EXTRA HOLDING POWER
Up to three vacuum pads can be used with the diamond drilling rigs for extra holding power.

JACK SCREW
Adjustable jack screw at top of column provides maximum rigidity when used with telescoping assembly between ceiling and floor. Jack Screw is narrower than the column allowing quick cradle removal.



REMOVABLE CRADLE
For easy wall mounting.

BUBBLE LEVEL
For quick, accurate leveling. Level is mounted on cradle for easy viewing.

RIGHT OR LEFT HANDED OPERATION
The four spoke wheel feed control and the meter box mount on either side of the cradle for right or left-handed operation.
The meter box rotates 360°. It can be mounted facing the front or the back of the rig for clear viewing.

MILWAUKEE Diamond Drilling Equipment accessories for Models 4125, 4130 and 4135 are completely interchangeable. All these units can be used with the large or small base assemblies and with or without vacuum. See pages 33 and 34.

HEAVY-DUTY DIAMOND DRILLING EQUIPMENT

FOR DIAMOND CORE DRILLING IN REINFORCED CONCRETE • TILE • MASONRY • MARBLE

VAC-U-RIG®

DIAMOND DRILLING RIG

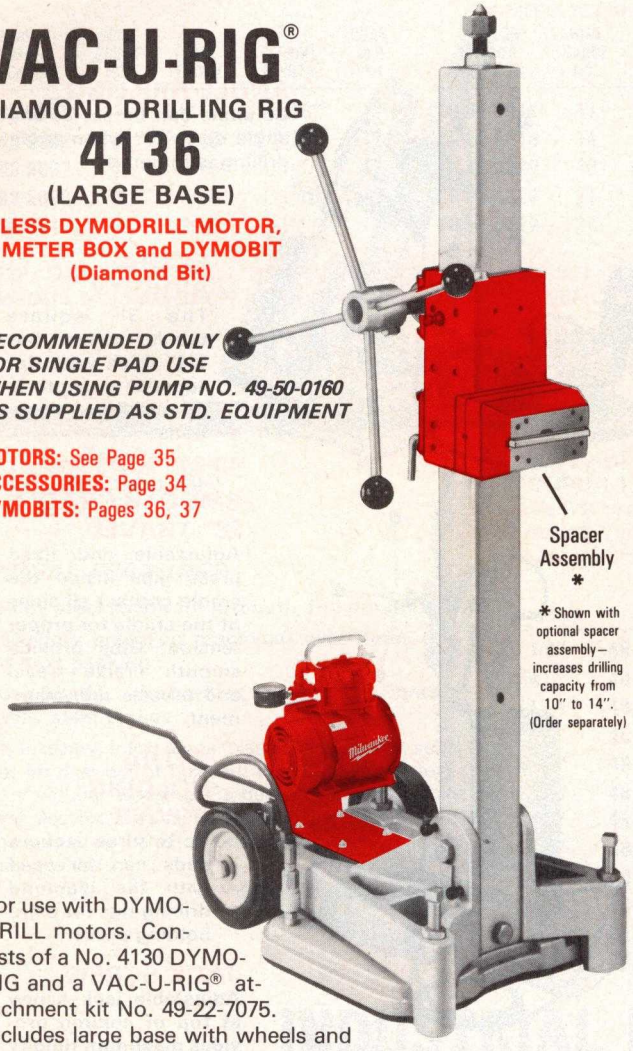
4136

(LARGE BASE)

LESS DYMODRILL MOTOR, METER BOX and DYMOBIT (Diamond Bit)

RECOMMENDED ONLY FOR SINGLE PAD USE WHEN USING PUMP NO. 49-50-0160 AS SUPPLIED AS STD. EQUIPMENT

MOTORS: See Page 35
ACCESSORIES: Page 34
DYMOBITS: Pages 36, 37



For use with DYMO-DRILL motors. Consists of a No. 4130 DYMO-RIG and a VAC-U-RIG® attachment kit No. 49-22-7075. Includes large base with wheels and four leveling screws, adjustable tilting column, cradle for motor mounting, four spoke wheel feed control, bubble level and jack screw. The No. 4136 can also be used without vacuum and column will accept small base assembly No. 48-10-0080. See page 34. Net weight 106 lbs. Shipping weight 129 lbs.

VAC-U-RIG® ATTACHMENT KIT

NO. 49-22-7075 115 VOLT Complete vacuum assemblies consisting of one vacuum pad and vacuum pump assembly with gauge, filter, 8 foot air hose and fittings. Same as furnished with No. 4136 and also for use with Nos. 4130 and 4125. Net weight 19.5 lbs. Shipping weight 26.5 lbs. **RECOMMENDED ONLY FOR SINGLE PAD USE.**

DYMO-RIG

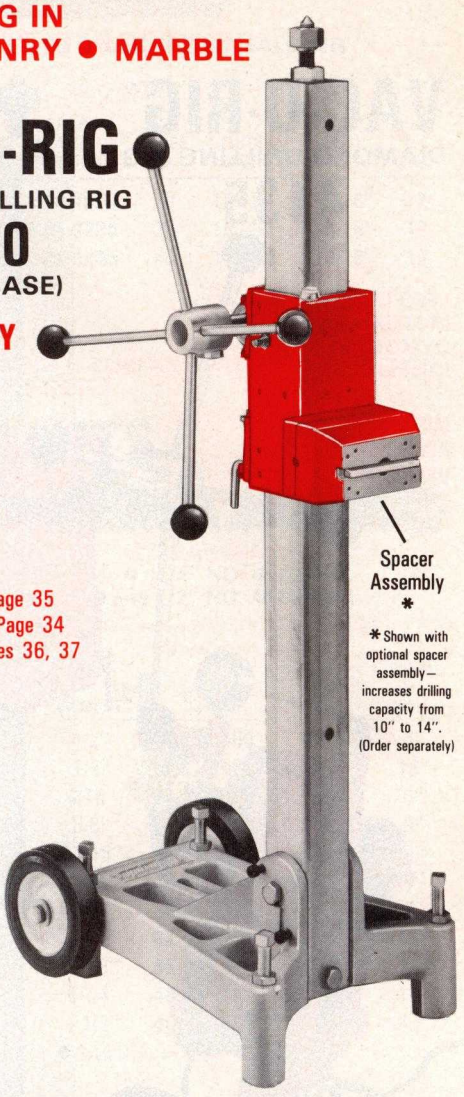
DIAMOND DRILLING RIG

4130

(LARGE BASE)

STAND ONLY

MOTORS: See Page 35
ACCESSORIES: Page 34
DYMOBITS: Pages 36, 37



The same as the 4135, but without the meter box and the VAC-U-RIG® attachment kit. The large base can be floor or wall mounted with a bolt type anchor or braced from the ceiling with a telescoping assembly by using the jack screw. The base can be replaced with No. 48-10-0080 small base or used with a VAC-U-RIG® attachment kit to convert the 4130 into a 4135 VAC-U-RIG® . Order meter box separately. Net weight 82.5 lbs. Shipping weight 103.5 lbs.

VAC-U-RIG® ATTACHMENT KIT

NO. 49-22-7070 120 VOLT Complete vacuum assemblies consisting of one vacuum pad and vacuum pump assembly with switch, gauge, filter, 8 foot air hose and fittings. Same as furnished with No. 4135 and also for use with Nos. 4130 and 4125. Net weight 40 lbs. Shipping weight 46 lbs.

* **NO. 49-22-7080 240 VOLT** Same as above but with 240 Volt vacuum pump assembly. * Not available in Canada.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY DIAMOND DRILLING EQUIPMENT

FOR DIAMOND CORE DRILLING IN REINFORCED CONCRETE • TILE • MASONRY • MARBLE

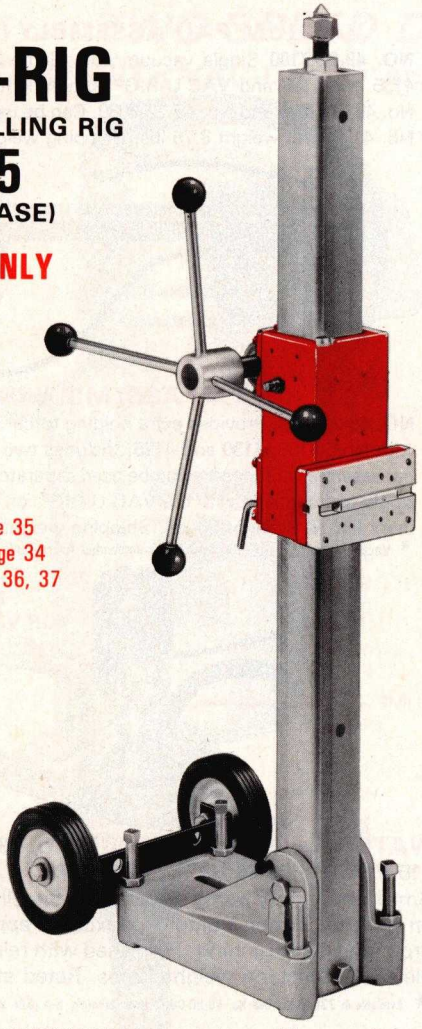
DYMO-RIG

DIAMOND DRILLING RIG

4125

(SMALL BASE)

STAND ONLY



MOTORS: See Page 35
ACCESSORIES: Page 34
DYMOBITS: Pages 36, 37

The same as the 4130 DYMORIG at left but with a smaller base for confined drilling situations. For more support, the small base can be used with VAC-U-RIG® attachment kits No. 49-22-7070 and No. 49-22-7075, or it can be replaced with the large base assembly, converting it into a 4130 DYMORIG. The 4125 will accept the same attachments as the 4130, 4135 and the 4136. Order meter box separately. Net weight 71 lbs. Shipping weight 92 lbs.

VAC-U-RIG® ATTACHMENT KIT

NO. 49-22-7070 120 VOLT Complete vacuum assemblies consisting of one vacuum pad and vacuum pump assembly with switch, gauge, filter, 8 foot air hose and fittings. Same as furnished with No. 4135 and also for use with Nos. 4130 and 4125. Net weight 40 lbs. Shipping weight 46 lbs.

* **NO. 49-22-7080 240 VOLT** Same as above but with 240 Volt vacuum pump assembly. * Not available in Canada.

DYMO-RIG

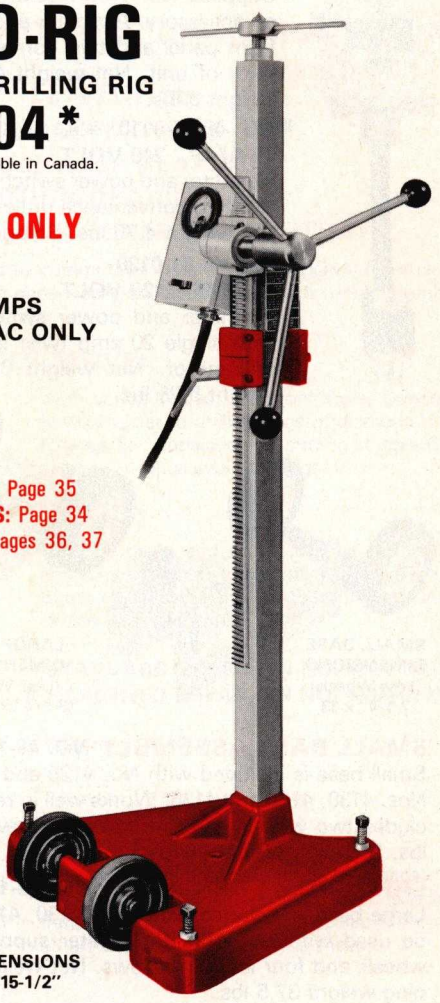
DIAMOND DRILLING RIG

4104*

* Not available in Canada.

STAND ONLY

20 AMPS
120 VOLTS AC ONLY



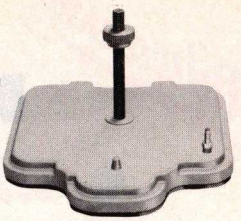
MOTORS: See Page 35
ACCESSORIES: Page 34
DYMOBITS: Pages 36, 37

BASE DIMENSIONS
13-3/4" × 15-1/2"

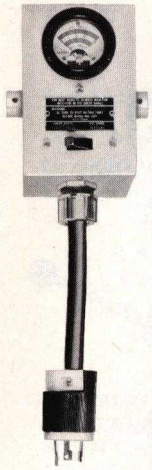
Rack and pinion feed — 24" 3 spoke feed control for uniform drilling pressure. Two color range ammeter indicates proper pressure and drilling speed — Jack Screw at top for bracing support to ceiling. Net wgt. 65 lbs. Shipping wgt. 74 lbs.

HEAVY-DUTY DIAMOND DRILLING EQUIPMENT

ACCESSORIES



METER BOXES



NO. 48-51-0100
30 AMP 120 VOLT
Supplied with No. 4135 and also available as an accessory. Ammeter and power switch on front panel and two convenience outlets on back of unit. Net weight 4.75 lbs. Shipping weight 6 lbs.

***NO. 48-51-0110** * Not available in Canada.
15 AMP 240 VOLT
Ammeter and power switch are on front panel and two convenience outlets on back of unit. Net weight 4.75 lbs. Shipping weight 6 lbs.

NO. 48-51-0120
20 AMP 120 VOLT
Ammeter and power switch on front panel with single 20 amp twist lock receptacle for drill motor. Net weight 3.75 lbs. Shipping weight 5.25 lbs.

SMALL BASE DIMENSIONS
(Less Wheels)
7-1/4" × 13

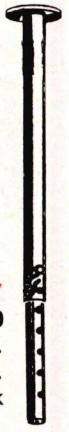
LARGE BASE DIMENSIONS
(Less Wheels)
13-1/4" × 17-1/8"

SMALL BASE ASSEMBLY NO. 48-10-0080

Small base is included with No. 4125 and can be used with Nos. 4130, 4135 and 4136. Works well in restricted areas. Includes two wheels and four leveling screws. Net weight 22 lbs. Shipping weight 26 lbs.

LARGE BASE ASSEMBLY NO. 48-10-0090

Large base is included with Nos. 4130, 4135 and 4136. Can be used with No. 4125 for greater support. Includes two wheels and four leveling screws. Net weight 33.5 lbs. Shipping weight 37.5 lbs.



TELESCOPING EXTENSION ASSEMBLY NO. 48-95-1000

Braces unit between floor and ceiling for maximum rigidity. Fixed hole adjustments. Assembly adjusts to 14 foot ceilings. Fractional take up between fixed settings made with jack screw at top of stands. Shipping weight 33 lbs.

WATER TANK NO. 49-76-0050

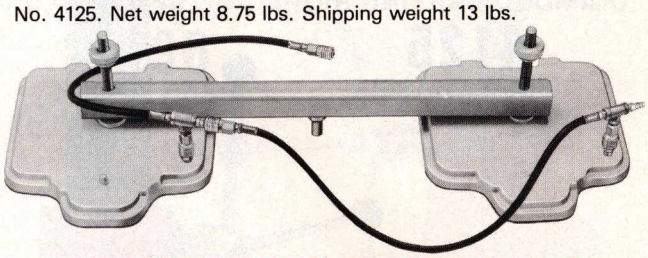
3-1/2 gal. pressure type made of heavy gauge galvanized steel. For use where regular tap water supply is not available. Shipping weight 8 lbs.

VACUUM PUMP ASSEMBLY NO. 49-50-0160

115 VOLTS
Heavy-duty 1/8 H.P. pump complete with vacuum gauge, air filter and cord. May be mounted to base of unit if desired. Same as furnished with No. 4136 and VAC-U-RIG® Kit No. 49-22-7075. Net weight 19.5 lbs. Shipping weight 26.5 lbs.
RECOMMENDED ONLY FOR SINGLE PAD USE.

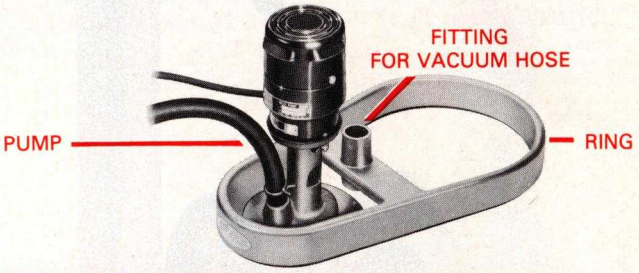
VACUUM PAD ASSEMBLY (Single Pad)

NO. 49-22-7100 Single vacuum pad. Same as supplied with No. 4135 and 4136 and VAC-U-RIG® attachment kits No. 49-22-7070, No. 49-22-7075 and No. 49-22-7080. Can be used with No. 4130 and No. 4125. Net weight 8.75 lbs. Shipping weight 13 lbs.



VACUUM PAD ASSEMBLY (Double Pad)*

NO. 49-22-7090 Provides extra holding force when needed. For use with Nos. 4135, 4130 and 4125. Includes two vacuum pads, cross-bar assembly and hoses. Can be used separately or in addition to the single pad supplied with the VAC-U-RIG® or VAC-U-RIG® attachment kit. Net weight 30 lbs. Shipping weight 34 lbs.
* Vacuum pump No. 49-50-0140 is recommended for multiple pad use.



WATER COLLECTOR PUMP NO. 49-50-0050

115 VOLTS 50-60 Hz AC ONLY ★
Small heavy-duty pump of balanced impeller design, driven by an enclosed motor. Pumps out excess trapped water, abrasive-proof and quiet running. Furnished with reinforced plastic flexible hose. Shipping weight 12 lbs. Rated at 2.5 amps.
★ Available in 230 Volts. Use No. 49-50-0052 when ordering. See price sheet. Not available in Canada.

WATER COLLECTING RING NO. 48-70-0060

For use where water flow from drilling operation must be trapped and drained. Dike-type collector ring holds water for fast disposal when used with bits up to 10" in diameter. May be used with pump described above. A built-in vacuum hose fitting also permits use with a wet or dry vacuum cleaner. Shipping weight 8.75 lbs.

WATER HOSE NO. 49-18-0055 5/8" I.D. × 8'

8 foot water hose with standard brass male and female water hose fittings.

VACUUM PUMP ASSEMBLY

NO. 49-50-0140 (120 VOLT)* NO. 49-50-0150 (240 VOLT)*
Heavy-duty 1/8 H.P. pump complete with vacuum gauge, air filter, switch and cord. May be mounted to base of unit if desired. Same as furnished with No. 4135 and VAC-U-RIG® attachment kit. Net weight 30 lbs. Shipping weight 34 lbs.
*Not available in Canada.

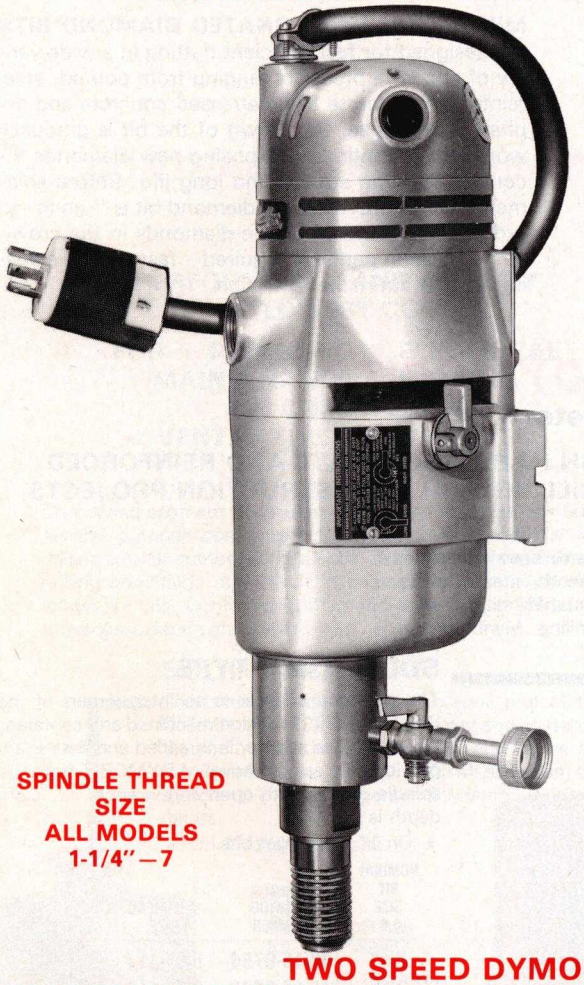
MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY DIAMOND DRILLING EQUIPMENT

FOR DIAMOND CORE DRILLING IN REINFORCED CONCRETE ● TILE ● MASONRY ● MARBLE

TWO SPEED DYMODRILL MOTORS

FOR USE WITH VAC-U-RIG® and DYMORIG DIAMOND CORE DRILL RIGS



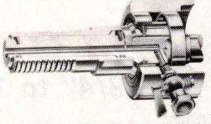
SPINDLE THREAD SIZE ALL MODELS 1-1/4" — 7

FEATURES:

- 15 AMP AND 20 AMP MOTORS
- ALL BALL AND ROLLER BEARING
- TRIPLE REDUCTION GEARING
- HEAVY-DUTY MILWAUKEE-BUILT MOTOR

All lead wires fused to commutator bars to guard against open circuits. Armatures are dynamically balanced for smooth running, high efficiency and long life.

- BUILT-IN WATER SWIVEL



With spring-loaded, leakproof seals. Directs flow of water to drilling edge of diamond bit to keep diamonds cool and cutting at top efficiency...flushes away cuttings.

- SHEAR PIN PROTECTION

Protects gears and motor against overload and allows machine to operate at safe torque. Shear pins easily replaced. Extra pins are included with each unit.

STANDARD SHEAR PIN NO. 44-60-0050
*** HARDENED SHEAR PIN NO. 44-60-0030**

* *Offers more strength*

- TWO SPEED SHIFT LEVER

Speed changes are easily made by means of a conveniently located shift lever which transfers drive gear from one position to the other. Gears are constantly in mesh.

TWO SPEED DYMODRILL MOTOR SPECIFICATIONS

15 AMP MODELS

CATALOG NUMBER	VOLTS	AMPS	SPEED RPM	SUGGESTED DIAMETERS IN MEDIUM AGGREGATE	NET WGT. LBS.	SHP. WGT. LBS.
4030	120	15●	375 750	5"-8" 2-1/2"-5"	24	32
4035	120	15●	500 1000	3"-5" 1-1/4"-3"	24	32

● Cord equipped with 20 amp twist lock plug.

20 AMP MODELS

Advanced, High Performance motor design provides 60% more peak horsepower than 15 amp models. Maintains higher speed under load for up to 100% increase in drilling rates. Lightweight —up to 8 lbs. lighter than competitive units.

4029★	120	20●	300 600	5"-14" 2-1/2"-5"	24	32
4034★	120	20●	450 900	3-1/2"-6-1/2" 1-1/2"-3-1/2"	24	32
4039★	120	20●	600 1200	2-1/2"-5-1/2" 1/4"-2-1/2"	24	32

★ Available in 240 Volts AC. Add -2 after Catalog Number when ordering. See price sheet. Not available in Canada.
● Cord equipped with 20 amp twist lock plug.

Suggested diameters listed on specific models are for maximum drilling efficiency in medium aggregate. Speeds must be adjusted for material conditions. All models can also be used for other diameters.

STANDARD EQUIPMENT includes built-in water swivel, adapter to receive standard water hose, water control valve, extra shear pins, also an open end wrench for holding the output spindle while removing bits.

ADDITIONAL ACCESSORIES

SPACER WITH KEY

NO. 49-67-0050 for Rigs Nos. 4114, 4119 and 4104 only. Allows use of bits thru 10" diameter. Spacer 1" thick, fits between cradle of Rig and Drill. Four mounting screws included.

3/16" ALLEN WRENCH

NO. 49-96-0085 For mounting DYMODRILLS to cradle of VAC-U-RIG®

1-3/8" OPEN END WRENCH

NO. 49-96-4700 For DYMODRILLS listed in charts at left.

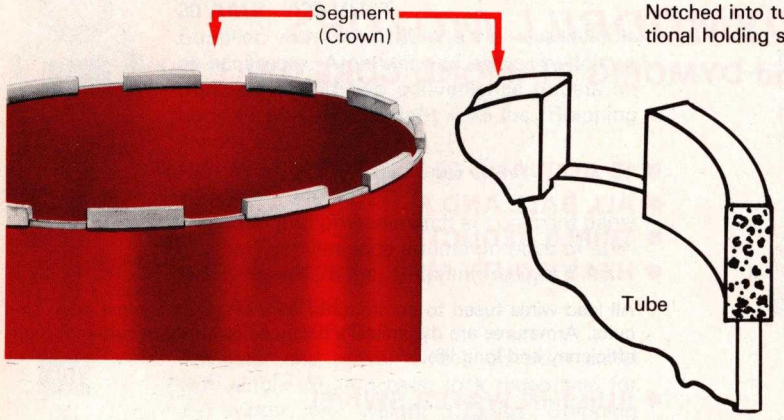
GREASE TYPE "E" FOR TWO SPEED MODELS

NO. 49-08-4121 1 Lb. Can.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

PREMIUM HEAVY-DUTY IMPREGNATED DIAMOND BITS

FOR DIAMOND CORE DRILLING IN REINFORCED CONCRETE • TILE • MASONRY • MARBLE



MILWAUKEE IMPREGNATED DIAMOND BITS are designed for fast, efficient cutting in a wide variety of concrete products ranging from poured, steel reinforced concrete to prestressed concrete and asphalt. During use, the crown of the bit is gradually worn away, continually exposing new diamonds for constant cutting speeds and long life. Before shipment, every MILWAUKEE diamond bit is "run in" to properly expose the surface diamonds in the crown so no break-in period is required—fast accurate drilling for the entire life of the bit.

PREMIUM GRADE DYMOBITS

3/4" to 14" diameter

MORE HOLES AT LESS COST PER HOLE EVEN THROUGH HARD AGGREGATE AND REINFORCED CONCRETE FOR • DRILLING CONTRACTORS • LINE DRILLING • ALL CONSTRUCTION PROJECTS

MILWAUKEE Premium Grade Dymobits have been redesigned to offer exceptional drilling life with smooth, steady effort. Premium Dymobits from MILWAUKEE equal Premium Performance. Conforms to Diamond Core Drilling Manufacturers Association standards.

SOLID BACK TYPE

The threaded adapter is an integral part of the Solid Back Bit. Precision machined and centered, the end of the adapter is threaded and flats ★ are provided for easy removal of DYMOBIT from the spindle of Drill with open end wrench. 12" Core depth is standard.

★ On 1" and larger bits.

NOMINAL BIT SIZE O.D.	CATALOG NUMBER	‡ THREAD SIZE
3/4"	**48-16-0756**	5/8"-11‡
7/8"	**48-16-0876**	5/8"-11‡
1"	**48-16-1006**	5/8"-11‡
1-1/4"	**48-16-1260**	5/8"-11‡
1-1/2"	**48-16-1506**	5/8"-11‡
2"	**48-16-2013**	1-1/4"-7
2-1/2"	**48-16-2513**	1-1/4"-7
2-3/4"	**48-16-2756**	1-1/4"-7
3"	**48-16-3013**	1-1/4"-7
3-1/2"	**48-16-3511**	1-1/4"-7
4"	**48-16-4013**	1-1/4"-7
4-1/2"	**48-16-4506**	1-1/4"-7
5"	**48-16-5013**	1-1/4"-7
6"	**48-16-6013**	1-1/4"-7
7"	**48-16-7006**	1-1/4"-7
8"	**48-16-8006**	1-1/4"-7
9"	**48-16-9006**	1-1/4"-7
10"	**48-16-9506**	1-1/4"-7
12"	**48-16-9605**	1-1/4"-7
14"	**48-16-9705**	1-1/4"-7

‡ **NOTE**—Check thread size with spindle thread on Drill or refer to specifications for DYMODRILLS. When used with Drills with 1-1/4"-7 thread use Threaded Adapter No. 48-04-0160.

PREMIUM GRADE BITS AVAILABLE IN SPECIAL DIAMETER AND LENGTHS ON SPECIAL ORDER—CONTACT FACTORY.

HEAVY-DUTY IMPREGNATED DIAMOND BITS

DIAMOND CORE DRILLING ACCESSORIES

FOR DIAMOND CORE DRILLING IN REINFORCED CONCRETE ● TILE ● MASONRY ● MARBLE

STANDARD CONTRACTORS DYMOBITS

PERFORMANCE AND QUALITY AT LOWEST COST

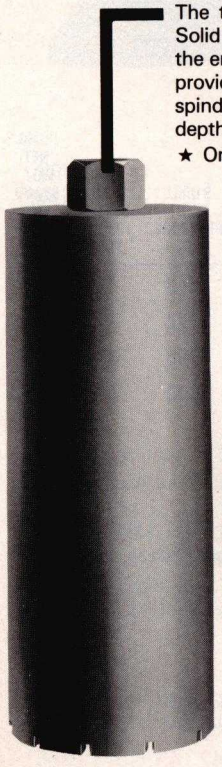
FOR ● PLUMBING ● ELECTRICAL MAINTENANCE ● HEATING ● AIR CONDITIONING ● VENTILATING CONTRACTORS

Crown and segment dimensions plus low cost make this bit a general purpose contractors tool. Designed specifically for drilling smaller numbers of a specific size hole or where difficult drilling conditions may result in damage to more expensive longer life bits. Conforms to Diamond Core Drilling Manufacturers Association standards.

SOLID BACK TYPE

The threaded adapter is an integral part of the Solid Back Bit. Precision machined and centered, the end of the adapter is threaded and flats ★ are provided for easy removal of DYMOBIT from the spindle of Drill with open end wrench. 14" Core depth.

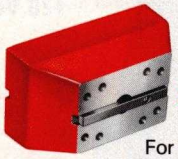
★ On 1" and larger bits.



NOMINAL BIT SIZE O.D.	CATALOG NUMBER	‡ THREAD SIZE
2"	**48-16-2007**	1-1/4"-7
2-1/2"	**48-16-2507**	1-1/4"-7
3"	**48-16-3007**	1-1/4"-7
3-1/2"	**48-16-3507**	1-1/4"-7
4"	**48-16-4007**	1-1/4"-7
4-1/4"	**48-16-4257**	1-1/4"-7
5"	**48-16-5007**	1-1/4"-7
6"	**48-16-6007**	1-1/4"-7

‡ **NOTE**—Check thread size with spindle thread on Drill or refer to specifications for DYMODRILLS. It may be necessary to use a threaded Adapter to fit Drill spindle.

HEAVY-DUTY SPACER ASSEMBLIES THREADED ADAPTERS AND BIT EXTENSIONS FOR DYMOBITS



SPACER ASSEMBLY

NO. 49-67-0110

For use with Nos. 4125, 4130, 4135 and 4136. Mounts between cradle and DYMODRILL motor to increase VAC-U-RIG®, DYMO-RIG bit capacity from 10" to 14". Net weight 3 lbs. Shipping weight 5 lbs.

SPACER ASSEMBLY

NO. 49-67-0050

For use with No. 4104 DYMO-RIG and previous model Nos. 4114 and 4119. Spacer 1" thick, mounts between cradle and DYMODRILL motor. Allows use of bits thru 10" diameter.

3/16" SOCKET WRENCH

NO. 49-96-0085

For mounting DYMODRILLS to cradle.

1-3/8" OPEN END WRENCH

NO. 49-96-4700

For use with DYMODRILLS listed in charts on page 35. Also for Threaded Adapters and Bit Extensions.

THREADED ADAPTERS

NO. 48-04-0160* THREAD ADAPTER reduces thread size of 1-1/4"-7 to 5/8"-11 for DYMOBITS and extensions.

* Used on DYMODRILLS listed in table on page 35.

BIT EXTENSIONS

NO. 48-95-1500 9" BIT EXTENSION

Extension threaded on both ends with 1-1/4"-7 thread, for use with Diamond Core Bits over 2" diameter with 1-1/4"-7 thread. Extension mounts directly to DYMODRILL; two or more can be coupled together for deep hole drilling.

NO. 48-95-2100 10-1/2" BIT EXTENSION

Extension threaded on both ends with 5/8"-11 thread, for use with 1-1/4" and 1-1/2" diameter Diamond Core Bits with 5/8"-11 thread. Extension requires No. 48-04-0160 Threaded Adapter for mounting to DYMODRILLS; two or more can be coupled together for deep hole drilling.

HEAVY-DUTY ELECTROMAGNETIC DRILL PRESS

SMALL BASE

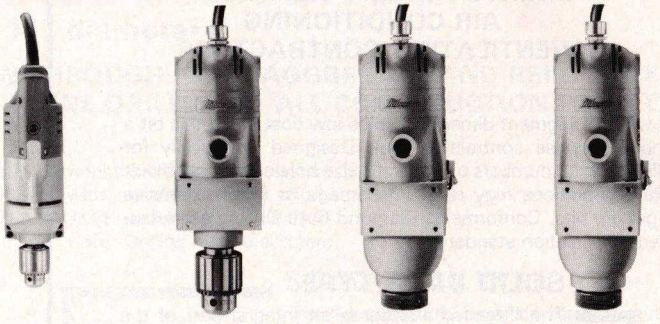
DRILL STAND NO. 4202
SHOWN WITH NO. 4297-1
DRILL MOTOR
DRILL MOTOR NOT
INCLUDED WITH
STAND
PURCHASE
SEPARATELY

ELECTROMAGNETIC DRILL STAND
4202 STAND ONLY SPEED CONTROL

120 Volts AC Only 12.5 Amps Maximum Rating with Large Drill

- INCREASED HOLDING POWER FOR MATERIALS AS THIN AS 1/2" PLATE
- 4 COMBINATIONS AVAILABLE
- UP TO 1670 LB. DRILL POINT PRESSURE ON 1" STEEL PLATE§
- 9" DRILL TRAVEL

SELECT DRILL MOTOR FROM SPECIFICATION CHART TO MEET YOUR REQUIREMENTS



4253-1 4262-1 4292-1 4297-1

SPECIFICATIONS

DRILL MOTOR CATALOG NUMBER	VOLTS	AMPS	CAPACITY▲* DRILL	CAPACITY▲* TAP	NO LOAD RPM	CHUCK OR TAPER	REPLACEMENT CHUCK CATALOG NUMBER	REPLACEMENT CHUCK KEY CATALOG NUMBER	DRILL STAND DIMENSIONS HT.	W.	L.	§DRILL POINT PRESSURE LBS.	NET WGT. STAND ONLY LBS.	COMB. NET WGT. STAND AND DRILL LBS.
4253-1●	120	6.2	1/2"	5/8"-18‡	600	Chuck	48-66-1360	48-66-3280	15"	4-1/4"	11"	1650	41	49
4262-1	120	11.5	3/4"	1"-14	400	Chuck	48-66-2080	48-66-3160	15"	4-1/4"	11"	1670	41	60
4292-1■	120	11.5	1-1/4"	1"-14	750-375	No. 3MT	45-34-0050	#3 TAPER SOCKET	15"	4-1/4"	11"	1600	41	63
4297-1■	120	11.5	1-1/4"	1"-14	500-250	No. 3MT	45-34-0050	#3 TAPER SOCKET	15"	4-1/4"	11"	1600	41	63

■ Two speed drills § Maximum pull on 1" steel plate, less on thinner sheets or irregular surfaces.
● Drills except No. 4253-1 have dual mount gear case permitting reverse mounting of drill for close quarter work.
‡ 5/8"-11 or 1/2"-13 taps not recommended.
▲ **NOTE...**To adapt a 3/4" capacity chuck to 1-1/4" Drills with No. 3 internal Morse Taper Socket order accessory Chuck and Arbor Kit No. 49-22-1550, which consists of Chuck No. 48-66-2000 and Arbor No. 48-07-0100. These motors are capable of larger capacities when using 1/2" reduced Shank Twist Drills illustrated on page 29. Refer to the instruction manual for sizes.
* See page 42 for Steel Hawg™ capacities.

TYPE "A" GREASE FOR SINGLE SPEED
NO. 49-08-0500 1/2 LB. CAN
NO. 49-08-0800 1 LB. CAN

TYPE "E" GREASE FOR TWO SPEED
NO. 49-08-4121 1 LB. CAN

6' LENGTH SAFETY CHAIN
NO. 48-58-0080
Same as furnished with unit.

STEEL HAWG™
METAL CUTTING BITS
See pages 42, 43

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY ELECTROMAGNETIC DRILL PRESS

SMALL BASE

DRILL STAND NO. 4201 SHOWN WITH NO. 4253-1 DRILL MOTOR

DRILL MOTOR NOT INCLUDED WITH STAND *PURCHASE SEPARATELY*

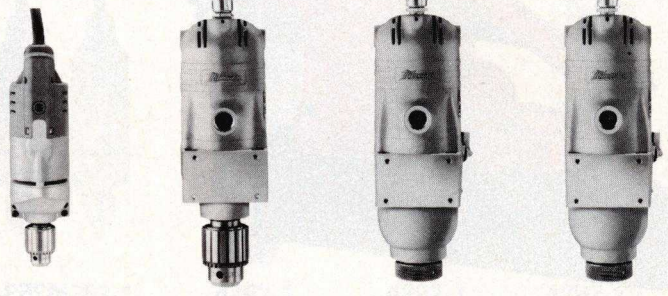
ELECTROMAGNETIC DRILL STAND

CATALOG NUMBER **4201** STAND ONLY

120 Volts AC Only 12.5 Amps Maximum Rating with Large Drill

- 4 COMBINATIONS AVAILABLE
- 1470 LB. DRILL POINT PRESSURE MAXIMUM ON 1" STEEL PLATE§
- 9" DRILL TRAVEL

SELECT DRILL MOTOR FROM SPECIFICATION CHART TO MEET YOUR REQUIREMENTS



4253-1 **4262-1** **4292-1** **4297-1**

SPECIFICATIONS

DRILL MOTOR CATALOG NUMBER	VOLTS	AMPS	CAPACITY▲* DRILL	CAPACITY▲* TAP	NO LOAD RPM	CHUCK OR TAPER	REPLACEMENT CHUCK CATALOG NUMBER	REPLACEMENT CHUCK KEY CATALOG NUMBER	DRILL STAND DIMENSIONS HT.	W.	L.	§ DRILL POINT PRESSURE LBS.	NET WGT. STAND ONLY LBS.	COMB. NET WGT. STAND AND DRILL LBS.
4253-1●	120	6.2	1/2"	5/8"-18‡	600	Chuck	48-66-1360	48-66-3280	15"	4-1/4"	11"	1450	41	49
4262-1	120	11.5	3/4"	1"-14	400	Chuck	48-66-2080	48-66-3160	15"	4-1/4"	11"	1470	41	60
4292-1■	120	11.5	1-1/4"	1"-14	750-375	No. 3MT	45-34-0050	#3 TAPER SOCKET	15"	4-1/4"	11"	1410	41	63
4297-1■	120	11.5	1-1/4"	1"-14	500-250	No. 3MT	45-34-0050		15"	4-1/4"	11"	1410	41	63

■ Two speed drills § Maximum pull on 1" steel plate, less on thinner sheets or irregular surfaces.

● Drills except No. 4253-1 have dual mount gear case permitting reverse mounting of drill for close quarter work.

‡ 5/8"-11 or 1/2"-13 taps not recommended.

▲ **NOTE**...To adapt a 3/4" capacity chuck to 1-1/4" Drills with No. 3 internal Morse Taper Socket order accessory Chuck and Arbor Kit No. 49-22-1550, which consists of Chuck No. 48-66-2000 and Arbor No. 48-07-0100. These motors are capable of larger capacities when using 1/2" reduced Shank Twist Drills illustrated on page 29. Refer to the instruction manual for sizes.

* See page 42 for Steel Hawg™ capacities.

TYPE "A" GREASE FOR SINGLE SPEED
NO. 49-08-0500 1/2 LB. CAN
NO. 49-08-0800 1 LB. CAN

TYPE "E" GREASE FOR TWO SPEED
NO. 49-08-4121 1 LB. CAN

6' LENGTH SAFETY CHAIN
NO. 48-58-0080
Same as furnished with unit.

STEEL HAWG™ METAL CUTTING BITS
See pages 42, 43

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY ELECTROMAGNETIC DRILL PRESS

LARGE BASE

DRILL STAND NO. 4221 SHOWN WITH NO. 4262-1 DRILL MOTOR

ELECTROMAGNETIC DRILL STAND

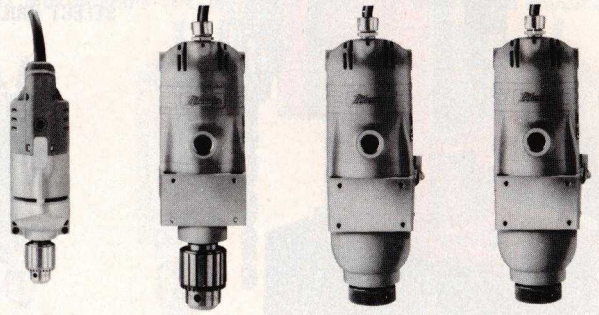
CATALOG NUMBER **4221** STAND ONLY

120 Volts AC Only

12.5 Amps Maximum Rating with Large Drill

- 4 COMBINATIONS AVAILABLE
- 2000 LB. DRILL POINT PRESSURE MAXIMUM ON 1" STEEL PLATE §
- 11" DRILL TRAVEL

SELECT DRILL MOTOR FROM SPECIFICATION CHART TO MEET YOUR REQUIREMENTS



4253-1 4262-1 4292-1 4297-1

SPECIFICATIONS

DRILL MOTOR CATALOG NUMBER	VOLTS	AMPS	CAPACITY▲* DRILL	CAPACITY▲* TAP	NO LOAD RPM	CHUCK OR TAPER	REPLACEMENT CHUCK CATALOG NUMBER	REPLACEMENT CHUCK KEY CATALOG NUMBER	DRILL STAND DIMENSIONS HT.	W.	L.	§ DRILL POINT PRESSURE LBS.	NET WGT. STAND ONLY LBS.	COMB. NET WGT. STAND AND DRILL LBS.
4253-1●	120	6.2	1/2"	5/8"-18‡	600	Chuck	48-66-1360	48-66-3280	17-1/4"	5-1/4"	14"	1975	58	65
4262-1	120	11.5	3/4"	1"-14	400	Chuck	48-66-2080	48-66-3160	17-1/4"	5-1/4"	14"	2000	58	77
4292-1■	120	11.5	1-1/4"	1"-14	750-375	No. 3MT	45-34-0050	#3 TAPER SOCKET	17-1/4"	5-1/4"	14"	1915	58	80
4297-1■	120	11.5	1-1/4"	1"-14	500-250	No. 3MT	45-34-0050	#3 TAPER SOCKET	17-1/4"	5-1/4"	14"	1915	58	80

■ Two speed drills § Maximum pull on 1" steel plate, less on thinner sheets or irregular surfaces.

● Drills except No. 4253-1 have dual mount gear case permitting reverse mounting of drill for close quarter work.

‡ 5/8"-11 or 1/2"-13 taps not recommended.

▲ **NOTE...**To adapt a 3/4" capacity chuck to 1-1/4" Drills with No. 3 internal Morse Taper Socket order accessory Chuck and Arbor Kit No. 49-22-1550, which consists of Chuck No. 48-66-2000 and Arbor No. 48-07-0100. These motors are capable of larger capacities when using 1/2" reduced Shank Twist Drills illustrated on page 29. Refer to the instruction manual for sizes.

* See page 42 for Steel Hawg™ capacities.

TYPE "A" GREASE FOR SINGLE SPEED
NO. 49-08-0500 1/2 LB. CAN
NO. 49-08-0800 1 LB. CAN

TYPE "E" GREASE FOR TWO SPEED
NO. 49-08-4121 1 LB. CAN

6' LENGTH SAFETY CHAIN
NO. 48-58-0080
Same as furnished with unit.

STEEL HAWG™ METAL CUTTING BITS
See pages 42, 43

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY ELECTROMAGNETIC DRILL PRESS

ADJUSTABLE BASE

DRILL STAND NO. 4231
SHOWN WITH
NO. 4292-1
DRILL MOTOR

DRILL MOTOR
NOT INCLUDED
WITH STAND
PURCHASE
SEPARATELY

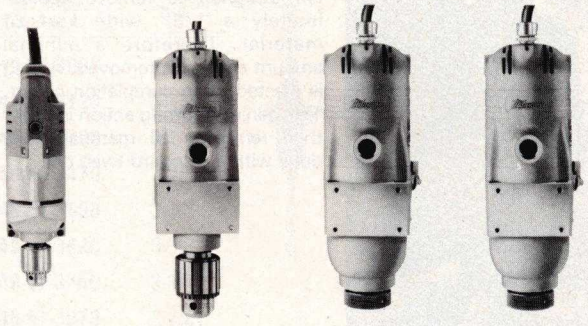
ELECTROMAGNETIC DRILL STAND

4231 STAND ONLY

120 Volts AC Only
12.5 Amps Maximum Rating with Large Drill

- 4 COMBINATIONS AVAILABLE
- 2000 LB. DRILL POINT PRESSURE MAXIMUM ON 1" STEEL PLATES§
- 11" DRILL TRAVEL
- ADJUSTABLE 3/4" IN DIRECTION OF BASE LENGTH AND 20° RIGHT OR LEFT

SELECT DRILL MOTOR FROM SPECIFICATION CHART TO MEET YOUR REQUIREMENTS



4253-1 4262-1 4292-1 4297-1

SPECIFICATIONS

DRILL MOTOR CATALOG NUMBER	VOLTS	AMPS	CAPACITY▲* DRILL	CAPACITY▲* TAP	NO LOAD RPM	CHUCK OR TAPER	REPLACEMENT CHUCK CATALOG NUMBER	REPLACEMENT CHUCK KEY CATALOG NUMBER	DRILL STAND DIMENSIONS HT.	W.	L.	§ DRILL POINT PRESSURE LBS.	NET WGT. STAND ONLY LBS.	COMB. NET WGT. STAND AND DRILL LBS.
4253-1●	120	6.2	1/2"	5/8"-18‡	600	Chuck	48-66-1360	48-66-3280	17-1/4"	5-1/4"	14"	1975	60	67
4262-1	120	11.5	3/4"	1"-14	400	Chuck	48-66-2080	48-66-3160	17-1/4"	5-1/4"	14"	2000	60	79
4292-1■	120	11.5	1-1/4"	1"-14	750-375	No. 3MT	45-34-0050	#3 TAPER SOCKET	17-1/4"	5-1/4"	14"	1915	60	82
4297-1■	120	11.5	1-1/4"	1"-14	500-250	No. 3MT	45-34-0050	#3 TAPER SOCKET	17-1/4"	5-1/4"	14"	1915	60	82

■ Two speed drills § Maximum pull on 1" steel plate, less on thinner sheets or irregular surfaces.
● Drills except No. 4253-1 have dual mount gear case permitting reverse mounting of drill for close quarter work.
‡ 5/8"-11 or 1/2"-13 taps not recommended.
▲ **NOTE...**To adapt a 3/4" capacity chuck to 1-1/4" Drills with No. 3 internal Morse Taper Socket order accessory Chuck and Arbor Kit No. 49-22-1550, which consists of Chuck No. 48-66-2000 and Arbor No. 48-07-0100. These motors are capable of larger capacities when using 1/2" reduced Shank Twist Drills illustrated on page 29. Refer to the instruction manual for sizes.
* See page 42 for Steel Hawg™ capacities.

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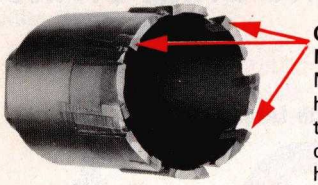
STEEL HAWG™ METAL CUTTING BITS
See pages 42, 43

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY STEEL HAWG™

FASTER, MORE EFFICIENT LARGE HOLE CUTTER FOR STEEL PLATE, STAINLESS STEEL, CAST IRON OR ALUMINUM

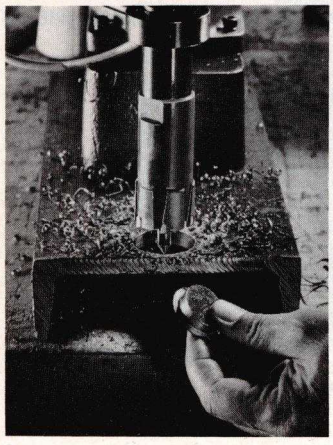
3 TIMES FASTER THAN TWIST DRILLS IN STEEL, STAINLESS, NON-FERROUS BECAUSE OF:



CARBIDE TIPPED MULTIPLE CUTTING EDGES

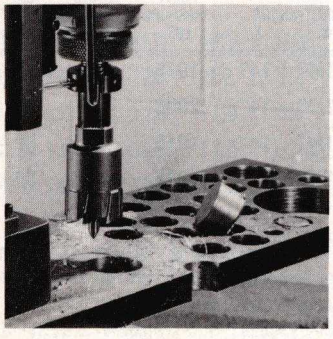
MILWAUKEE STEEL HAWGS™ are highly efficient carbide-tipped cutting tools. Alternating inside and outside cutting edges are carefully honed to cut holes rapidly with great precision. STEEL HAWGS™, with their hardened carbide tips, also last longer than regular twist drills. The STEEL HAWG'S™ multiple cutting edges uniformly distribute the cutting over a wider area than a two flute twist drill tip.

MINIMAL STOCK REMOVAL



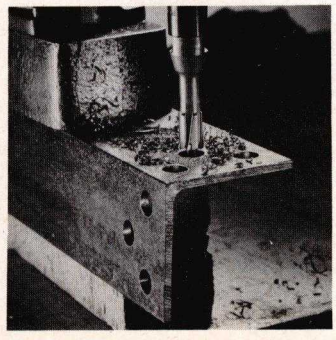
MILWAUKEE STEEL HAWGS™ are designed to remove approximately a 1/8" wide kerf of material. Therefore a minimal amount of steel is removed. A plug is ejected upon completion of cut. This minimal cutting action is faster than removing all material as is done with a standard twist drill.

SLOTTING AND NOTCHING



The STEEL HAWG™ will slot or notch material away from the edge of a workpiece or from the edge of an existing hole. Lubrication must be applied with the arbor lubricating mechanism or directly to the notch or slot.

ACCURATE HOLING



Pre-marked holes are easily located by positioning the center pin of the arbor on the center mark. No pre-punching or pilot holes are required. Holes are cut cleanly and accurately.

MOTOR RECOMMENDATIONS FOR PORTABLE USE OF STEEL HAWGS™ WHEN CUTTING MILD STEEL USING MILWAUKEE MAGNETIC DRILL STANDS

One Piece STEEL HAWGS™ 1/2" Cutting Depth, 1/2" Shank

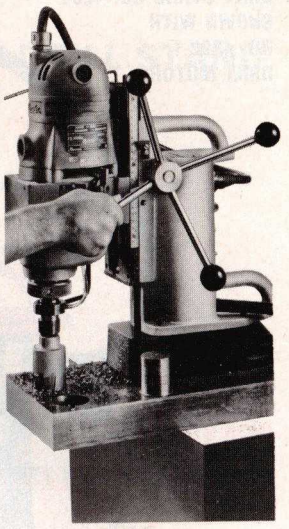
DRILL MOTOR▲ CATALOG NO.	CHUCK CAPACITY	CAPACITY W/ONE PIECE STEEL HAWGS™
4253-1	1/2"	11/16"-1-1/2"
4262-1	3/4"	11/16"-1-1/2"
4292-1	#3MT★	11/16"-1-1/2"
4297-1	#3MT★	11/16"-1-1/2"

▲ See pages 38 thru 41 for drill motor specifications.
★ Requires use of Chuck and Arbor Kit No. 49-22-1550.

2" Cutting Depth STEEL HAWGS™ with Separate Arbor

DRILL MOTOR▲ CATALOG NO.	CHUCK CAPACITY	CAPACITY W/2" DEPTH STEEL HAWGS™
4262-1	3/4"●	3/4"-4"
4292-1	#3MT★	3/4"-4"
4297-1	#3MT★	3/4"-5"

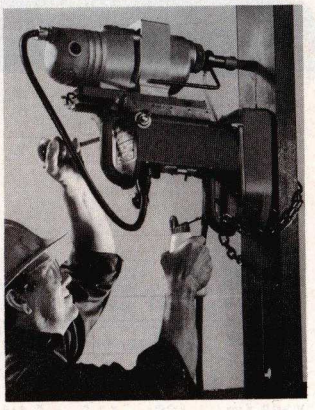
▲ See pages 38 thru 41 for drill motor specifications.
● Requires use of 3/4" Shank Arbor No. 49-57-0030.
★ Requires use of #3MT Arbor No. 49-57-0010.



SELECT STAND AND MOTOR COMBINATIONS FROM PGS. 38, 39, 40, 41

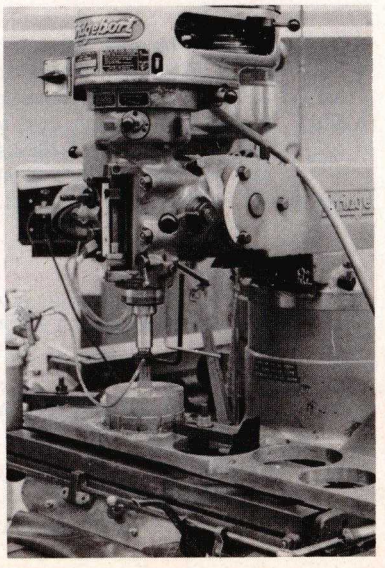
NEW HOLDING APPLICATIONS NOW POSSIBLE BECAUSE OF MILWAUKEE STEEL HAWG™ LOW THRUST FEATURE

Cutting holes in structural steel is made easier with the combination of a MILWAUKEE STEEL HAWG™ and MILWAUKEE Electromagnetic Drill Press. The low thrust required by the STEEL HAWG™ allows large holes to be cut with a minimum amount of pressure.



NUMEROUS APPLICATIONS USING STATIONARY DRILL PRESS MACHINERY

The speed, wide range of materials capable of being cut and the savings of reusable plugs make the STEEL HAWG™ suitable for many machine shop uses. The arbor center pin allows accurate alignment for premarked holes. Use only well maintained equipment with minimal spindle run out and manual feed operation.



HEAVY-DUTY STEEL HAWG™

MAXIMUM 2" DEPTH, UP TO 6" DIAMETER

SPECIFICATIONS

ONE PIECE STEEL HAWGS™ 1/2" Cutting Depth

SIZES 11/16" thru 1-1/2"

Recommended for use with MILWAUKEE Electromagnetic Drill Presses and Drill Stands ★

3 MILLED FLATS 1/2" SHANK

CATALOG NUMBER	CUTTER SIZE
49-57-8068	11/16"
49-57-8071	23/32"
49-57-8075	3/4"
49-57-8078	25/32"
49-57-8081	13/16"
49-57-8084	27/32"
49-57-8087	7/8"
49-57-8090	29/32"
49-57-8093	15/16"
49-57-8096	31/32"
49-57-8100	1"
49-57-8103	1-1/32"
49-57-8106	1-1/16"
49-57-8109	1-3/32"
49-57-8112	1-1/8"
49-57-8115	1-5/32"
49-57-8118	1-3/16"
49-57-8121	1-7/32"
49-57-8125	1-1/4"
49-57-8128	1-9/32"
49-57-8131	1-5/16"
49-57-8134	1-11/32"
49-57-8137	1-3/8"
49-57-8143	1-7/16"
49-57-8150	1-1/2"

★ SEE PAGE 21 FOR DRILL STANDS

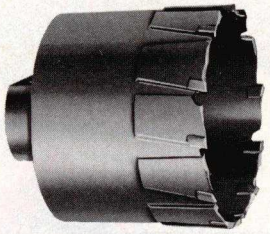
DRILL STANDS ARE IDEAL FOR ONE PIECE STEEL HAWG™ APPLICATIONS!

STEEL HAWGS™ WITH SEPARATE ARBOR 2" Cutting Depth

SIZES 3/4" thru 6"

Recommended for use with MILWAUKEE Electromagnetic Drill Presses*

*See capacity recommendations as listed on page 42.

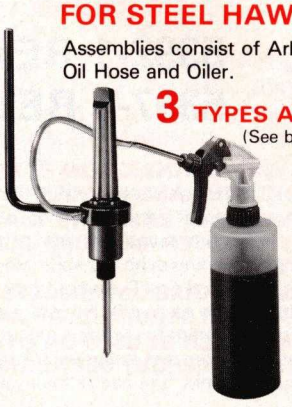


CATALOG NUMBER	CUTTER SIZE	CATALOG NUMBER	CUTTER SIZE
49-57-0750	3/4"	49-57-3000	3"
49-57-0812	13/16"	49-57-3120	3-1/8"
49-57-0875	7/8"	49-57-3250	3-1/4"
49-57-0937	15/16"	49-57-3370	3-3/8"
49-57-1000	1"	49-57-3500	3-1/2"
49-57-1062	1-1/16"	49-57-3620	3-5/8"
49-57-1125	1-1/8"	49-57-3750	3-3/4"
49-57-1187	1-3/16"	49-57-3870	3-7/8"
49-57-1250	1-1/4"	49-57-4000	4"
49-57-1312	1-5/16"	49-57-4120	4-1/8"
49-57-1375	1-3/8"	49-57-4250	4-1/4"
49-57-1437	1-7/16"	49-57-4370	4-3/8"
49-57-1500	1-1/2"	49-57-4500	4-1/2"
49-57-1562	1-9/16"	49-57-4620	4-5/8"
49-57-1625	1-5/8"	49-57-4750	4-3/4"
49-57-1687	1-11/16"	49-57-5000	5"
49-57-1750	1-3/4"	49-57-5500	5-1/2"
49-57-1812	1-13/16"	49-57-6000	6"
49-57-1875	1-7/8"		
49-57-1937	1-15/16"		
49-57-2000	2"		
49-57-2060	2-1/16"		
49-57-2120	2-1/8"		
49-57-2250	2-1/4"		
49-57-2310	2-5/16"		
49-57-2370	2-3/8"		
49-57-2500	2-1/2"		
49-57-2560	2-9/16"		
49-57-2620	2-5/8"		
49-57-2750	2-3/4"		
49-57-2870	2-7/8"		

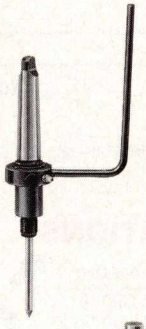
ARBOR ASSEMBLIES FOR STEEL HAWG™ BITS

Assemblies consist of Arbor, Oil Hose and Oiler.

3 TYPES AVAILABLE (See below)



NO. 2 MORSE TAPER ARBOR ASSEMBLY NO. 49-57-0020



NO. 3 MORSE TAPER ARBOR ASSEMBLY NO. 49-57-0010

3/4" SHANK ARBOR ASSEMBLY NO. 49-57-0030

ARBOR WRENCH SET
NO. 49-96-0010
Necessary to disassemble arbor body.

HAWG WASH™
NO. 49-32-0080
(SOLD ONLY IN CASE LOTS)
NINE 16 OZ. BOTTLES PER CASE

ELIMINATE CUTTING FLUID EXPERIMENTATION USE HAWG WASH™ WITH STEEL HAWGS™ Hawg Wash™ is a water soluble chemical fluid concentrate containing stable sulphur and chlorine additives. This product is designed for extreme pressure applications (tough alloys and severe operations) but is also excellent for general machining assignments. Hawg Wash™ is very efficient due to its combination of high cooling and strong lubricating characteristics. One 16 oz. bottle makes one gallon of solution. Proper mixing of concentrate requires mixing the concentrate into the water.

HEAVY-DUTY HAMMER-DRILLS

FOR PERCUSSION CARBIDE-BIT DRILLING IN CONCRETE AND MASONRY AND DRILLING WITHOUT HAMMERING IN WOOD AND METAL

- COMPACT
- LIGHTWEIGHT
- IDEAL FOR OVERHEAD DRILLING
- 3/8" CHUCK CAPACITY
- ALL BALL AND ROLLER BEARINGS

TRIGGER SPEED CONTROL

5392-1 REV.
5397-1 REV. (KIT)

- IMPACT RESISTANT, NON-CONDUCTIVE MOTOR HOUSING AND HANDLE.
- ALUMINUM GEAR CASE AND DIAPHRAGM SUPPLIES GREATER SUPPORT FOR SHAFT AND BEARINGS.
- DEPTH GAUGE QUICKLY ADJUSTS TO ANY DRILLING DEPTH REQUIRED FOR ANCHORS.
- SIDE HANDLE CAN BE USED ON EITHER SIDE AND WITH OR WITHOUT DEPTH GAUGE.

Designed for fast percussion drilling in concrete or masonry and high speed drilling without hammering in wood or metal. When hammer-drilling, light pressure against work engages mechanism. Hammer action stops when not under load...prevents damage when idling.

Rubber dust shield over chuck in front of fluted collar protects against harmful abrasive dust.

STEEL CARRYING CASE

As furnished with kits.

When ordering separately use **NO. 48-55-0711**

ACCESSORIES

NO. 49-62-0090 RUBBER SHIELD
NO. 48-66-4040 RUBBER-FLEX KEY HOLDER
NO. 49-08-4121 1 LB. CAN "E" GREASE For Gears
NO. 49-08-0150 3 OZ. LUBRICANT FOR MECHANISM

SPECIFICATIONS

CATALOG NUMBER	VOLTS AC ONLY	AMPS	SPEED	NO LOAD RPM	BLOWS PER MIN.	CAPACITIES: TWIST DRILL BITS IN STEEL	CAPACITIES: FLAT BORING BITS IN WOOD	CAPACITIES: IN CONCRETE OR MASONRY: CARBIDE TIP BITS	CAPACITIES: IN CONCRETE OR MASONRY: SCREW FASTENERS	SPINDLE DIAMETER AND THREAD	REPLACEMENT CHUCK CATALOG NO. (CHUCK KEY INCLUDED)	REPLACEMENT CHUCK KEY CATALOG NO.	LGTH. (INS.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
5392-1 REV.	120	4.5	Speed Control	0-2,500	0-50,000	3/8"	3/4"	9/16"	3/16"	3/8"-24	48-66-0795	48-66-3240	11	4-1/2	7
5397-1 REV. Kit	120	4.5	Speed Control	0-2,500	0-50,000	3/8"	3/4"	9/16"	3/16"	3/8"-24	48-66-0795	48-66-3240	11	4-1/2	15

"REV." after Catalog Number indicates reversing motor.

STANDARD EQUIPMENT

FOR NO. 5392-1 REV.—Includes Hammer-Drill, depth gauge, removable side handle, rubber dust shield, 3/8" industrial, geared, key-type chuck and chuck key with holder.
FOR NO. 5397-1 REV.—Same as 5392-1 REV. Also includes 3/16" × 3", 1/4" × 4", 3/8" × 4" and 1/2" × 6" percussion carbide-tip bits and steel case.

PERCUSSION CARBIDE-TIP BITS For drilling concrete and masonry

These Carbide-Tip Bits are especially made with round shanks for use with Hammer-Drills. Alloy steel shanks and bodies for durability and long life. Highest quality carbide tips brazed to steel bodies resist dulling, stay sharp longer and can be resharpened often. Wide spiral with shallow oval flutes removes dust fast to assure maximum drilling efficiency.

BIT DIA. INS.	CATALOG NUMBER	SHANK DIA. INS.	OVERALL LGTH. INS.
11/64	**48-20-6170**	11/64	3
3/16	**48-20-6180**	3/16	3
7/32	**48-20-6220**	3/16	3
1/4	**48-20-6250**	1/4	4
1/4	**48-20-6251**	1/4	6
9/32	**48-20-6280**	17/64	4
5/16	**48-20-6310**	17/64	4
5/16	**48-20-6311**	17/64	6
3/8	**48-20-6380**	5/16	4
3/8	**48-20-6381**	5/16	6

BIT DIA. INS.	CATALOG NUMBER	SHANK DIA. INS.	OVERALL LGTH. INS.
3/8	**48-20-6382**	5/16	13-1/2
7/16	**48-20-6440**	3/8	6
15/32	**48-20-6470**	3/8	6
1/2	**48-20-6500**	3/8	6
1/2	**48-20-6501**	3/8	13-1/2
9/16	**48-20-6560**	3/8	6

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY MAGNUM® HAMMER-DRILLS

TRIGGER SPEED CONTROL MODELS WITH QUIK-LOK CORD SETS

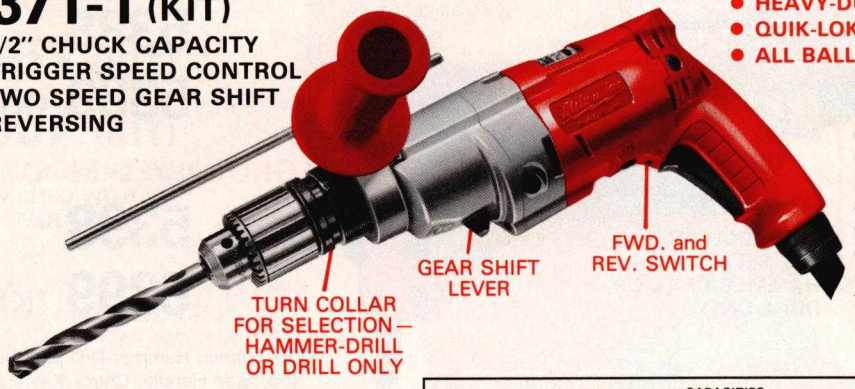
FOR PERCUSSION CARBIDE-BIT DRILLING IN CONCRETE AND MASONRY AND DRILLING WITHOUT HAMMERING IN WOOD OR METAL

5370-1
5371-1 (KIT)

- 1/2" CHUCK CAPACITY
- TRIGGER SPEED CONTROL
- TWO SPEED GEAR SHIFT
- REVERSING

EXCLUSIVE* MAGNUM® *FEATURES

- REMOVABLE BRUSH CARTRIDGE SYSTEM
- SELF-STOPPING BRUSHES
- STORAGE FOR EXTRA CARBONS — BRUSH HOLDER SCREW
- HEAVY-DUTY INDUSTRIAL CHUCK
- QUIK-LOK CORD SETS
- ALL BALL AND ROLLER BEARINGS



● DRIVE CONCRETE SCREW FASTENERS

No. 5370-1 Rev. speeds up installation work when used with concrete screw fastening systems. The tool drills the hole and drives the screw. Simply drill the pilot hole, slide the drive unit over the bit and drive the screw into the hole. There is no need to remove the bit or adjust the drill. Concrete screw fasteners can be used to fasten a variety of materials and fixtures to concrete including wood and metal, electrical boxes, light fixtures, duct straps and window frames.

REPLACEMENT CHUCK NO. 48-66-1360 (CHUCK KEY INCLUDED)

REPLACEMENT CHUCK KEY NO. 48-66-3280

SPECIFICATIONS

CATALOG NUMBER	VOLTS AC ONLY	AMPS	SPEED	NO LOAD RPM	BLOWS PER MINUTE	CAPACITIES: WOOD: FLAT BORING BIT	WOOD: AUGER BIT	WOOD: SHIP AUGER BIT	WOOD: SELFEED BIT	WOOD: HOLE SAW	STEEL: TWIST DRILL	CONCRETE: CARBIDE TIP BIT	CONCRETE: SCREW FASTENERS	SPINDLE DIAMETER AND THREAD	LGTH. (INS.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
5370-1 REV.	120	4.5	Low	0-1,000	0-20,000	1-1/2"	7/8"	7/8"	1-1/8"	3-1/4"	1/2"	5/8"	1/4"	1/2"-20	13	5-3/4	7-1/4
			High	0-3,600	0-72,000	SET GEAR SHIFT TO LOW SPEED SETTING WHEN BORING HOLES IN WOOD					—	3/8"	—				
5371-1 REV. Kit	Same as 5370-1 but with steel carrying case and bits																15-1/4

"REV." after Catalog Number indicates reversing motor.

STANDARD EQUIPMENT

FOR NO. 5370-1 REV. — Includes Hammer-Drill, 8' Quik-Lok cord, depth gauge, adjustable side handle and chuck key with holder.

FOR NO. 5371-1 REV. — Same as 5370-1 REV. Also includes one each percussion carbide-tip bit No. 48-20-6180, 3/16"; No. 48-20-6250, 1/4"; No. 48-20-6380, 3/8"; No. 48-20-6500, 1/2" and steel carrying case No. 48-55-0711.

5372
5373 (KIT)

- 3/8" CHUCK CAPACITY
- TRIGGER SPEED CONTROL

5374
5375 (KIT)

- 1/2" CHUCK CAPACITY
- TRIGGER SPEED CONTROL

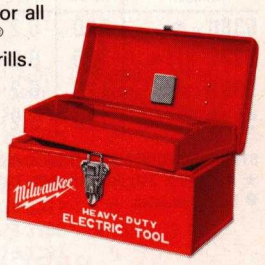
TYPE "E" GREASE
NO. 49-08-4121
For gears — 1 lb. can.

SPECIAL LUBRICANT
NO. 49-08-0150
For mechanism — 3 oz. tube.

QUIK-LOK CORD SETS

DESCRIPTION	CATALOG NUMBER
8' QUIK-LOK	NO. 48-76-3008
25' QUIK-LOK	NO. 48-76-3025
50' QUIK-LOK	NO. 48-76-3050

STEEL CARRYING CASE
NO. 48-55-0711
Case only for all MAGNUM® Hammer-Drills.



SPECIFICATIONS

CATALOG NUMBER	VOLTS AC ONLY	AMPS	SPEED	NO LOAD RPM	BLOWS PER MINUTE	CAPACITIES: WOOD: FLAT BORING BIT	STEEL: TWIST DRILL	CONCRETE: CARBIDE TIP BIT	SPINDLE DIAMETER AND THREAD	REPLACEMENT CHUCK CATALOG NO. (CHUCK KEY INCLUDED)	REPLACEMENT CHUCK KEY CATALOG NO.	LENGTH (INS.)	NET WEIGHT (LBS.)	SHIPPING WEIGHT (LBS.)
5372 5373 Kit	120	4.5	Speed Control	0-3,500	0-70,000	5/8"	1/4"	3/8"	3/8"-24	48-66-0800	48-66-3080	11-1/4	5	6-1/4 14-1/4
5374 5375 Kit	120	4.5	Speed Control	0-2,500	0-50,000	3/4"	3/8"	9/16"	1/2"-20	48-66-1360	48-66-3280	11-1/2	5-1/4	6-1/2 14-1/2

STANDARD EQUIPMENT

FOR NO. 5372 — Includes Hammer-Drill, 8' Quik-Lok cord, depth gauge, adjustable side handle and chuck key with holder.

FOR NO. 5373 — Same as above. Also includes one each percussion carbide-tip bit No. 48-20-6180, 3/16"; No. 48-20-6250, 1/4"; No. 48-20-6251, 1/4"; No. 48-20-6380, 3/8" and steel carrying case No. 48-55-0711.

FOR NO. 5374 — Same as 5372.

FOR NO. 5375 — Same as 5372. Also includes one each percussion carbide-tip bit No. 48-20-6180, 3/16"; No. 48-20-6250, 1/4"; No. 48-20-6380, 3/8"; No. 48-20-6500, 1/2" and steel carrying case No. 48-55-0711.

HEAVY-DUTY HAMMER-DRILLS

FOR PERCUSSION CARBIDE BIT DRILLING IN CONCRETE AND MASONRY AND DRILLING WITHOUT HAMMERING IN WOOD OR METAL

2 WAY ACTION ● HAMMERING WITH ROTATION ● ROTATION ONLY

NO HOURLY OR DAILY OILING — GREASE PERIODICALLY DEPENDING ON AMOUNT OF USE

- HAMMER-DRILL UP TO 7/8" HOLES IN CONCRETE OR MASONRY
- DRILL WOOD — STEEL LARGE CAPACITIES, HIGH TORQUE
- ADJUSTABLE SIDE HANDLE FOR MAXIMUM CONTROL
- DEPTH ROD EASILY ADJUSTED BY LOOSENING SIDE HANDLE
- ALL BALL AND ROLLER BEARINGS

- TURN COLLAR FOR SELECTION — HAMMER-DRILL OR DRILL ONLY

DOUBLE INSULATED MODELS

5388

5389 (KIT)

GROUNDED MODELS

5398

5399 (KIT)

Kits contain Hammer-Drill plus Depth Rod, Side Handle, Chuck Key and Steel Carrying Case.

STEEL CARRYING CASE ONLY
NO. 48-55-0215

TYPE "E" GREASE
NO. 49-08-4121 1 lb. Can
For Gears

SPECIAL LUBRICANT NO. 49-08-0150
For mechanism—3 oz. tube.

SPECIFICATIONS

1/2" CHUCK CAPACITY

CATALOG NUMBER	VOLTS AC-DC	AMPS	BLOWS PER MIN.	NO LOAD RPM	CAPACITIES: DRILL ONLY: WOOD: FLAT BORING BITS	HOLE SAW	AUGER BITS	SHIP AUGER BITS	SELFEED BITS	STEEL: TWIST DRILL	HAMMER: MASONRY: CARBIDE TIP BIT: SOFT	HARD	LENGTH	NET WEIGHT LBS.	SHIPPING WEIGHT LBS.
5388★●	120	6.2	19,000	950	1-1/2"	3-1/2"	1"	1-1/8"	1-1/2"	1/2"	7/8"	5/8"	15-1/2"	7-1/2	9
5389 KIT●	120	6.2	19,000	950	1-1/2"	3-1/2"	1"	1-1/8"	1-1/2"	1/2"	7/8"	5/8"	15-1/2"	17	18
5398	120	6.2	19,000	950	1-1/2"	3-1/2"	1"	1-1/8"	1-1/2"	1/2"	7/8"	5/8"	15-1/2"	7-1/2	9
5399 KIT	120	6.2	19,000	950	1-1/2"	3-1/2"	1"	1-1/8"	1-1/2"	1/2"	7/8"	5/8"	15-1/2"	17	18

STANDARD EQUIPMENT: Depth Rod, Side Handle and Chuck Key No. 48-66-3280.
★ Available in 240 Volts AC. Add -2 after Catalog Number when ordering. See price sheet. Not available in Canada.
● Double Insulated.

PERCUSSION CARBIDE-TIP BITS For drilling concrete and masonry

These Carbide-Tip Bits are especially made with round shanks for use with Hammer-Drills. Alloy steel shanks and bodies for durability and long life. Highest quality carbide tips brazed to steel bodies resist dulling, stay sharp longer and can be resharpened often. Wide spiral with shallow oval flutes removes dust fast to assure maximum drilling efficiency.

BIT DIA. INS.	CATALOG NUMBER	SHANK DIA. INS.	OVERALL LGTH. INS.	BIT DIA. INS.	CATALOG NUMBER	SHANK DIA. INS.	OVERALL LGTH. INS.
11/64	**48-20-6170**	11/64	3	3/8	**48-20-6382**	5/16	13-1/2
3/16	**48-20-6180**	3/16	3	7/16	**48-20-6440**	3/8	6
7/32	**48-20-6220**	3/16	3	15/32	**48-20-6470**	3/8	6
1/4	**48-20-6250**	1/4	4	1/2	**48-20-6500**	3/8	6
1/4	**48-20-6251**	1/4	6	1/2	**48-20-6501**	3/8	13-1/2
9/32	**48-20-6280**	17/64	4	9/16	**48-20-6560**	3/8	6
5/16	**48-20-6310**	17/64	4	5/8	**48-20-6620**	1/2	6
5/16	**48-20-6311**	17/64	6	11/16	**48-20-6690**	1/2	6
3/8	**48-20-6380**	5/16	4	3/4	**48-20-6750**	1/2	6
3/8	**48-20-6381**	5/16	6	7/8	**48-20-6880**	1/2	6

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY 3/4" ROTARY HAMMER

FOR PERCUSSION CARBIDE-BIT DRILLING IN CONCRETE AND MASONRY

3 WAY ACTION • HAMMERING WITH ROTATION • HAMMERING ACTION ONLY* • ROTATION ONLY

*Order accessories separately for hammering action only.

GROUNDED MODELS

5351 (KIT)

5357 (KIT)

STEEL CARRYING CASE FURNISHED WITH BOTH MODELS

STEEL CARRYING CASE ONLY
NO. 48-55-1520

NO HOURLY OR DAILY OILING — GREASE PERIODICALLY . . . DEPENDING ON AMOUNT OF USE

- "A" TAPER BITS FIT DIRECTLY INTO NOSE
- SIDE HANDLE USED ON EITHER SIDE
- ALL BALL AND ROLLER BEARING

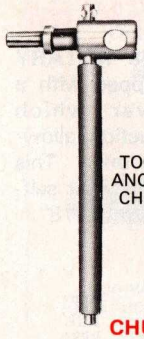
SPECIFICATIONS

CATALOG NUMBER	MAXIMUM CAPACITY	VOLTS AC-DC	AMPS	BLOWS PER MIN.	NO LOAD RPM	LENGTH INCHES	NET WGT. LBS.	SHP. WGT. LBS.
5351	7/8".	120	6.2	2500	1000	18-3/8	10	21
5357	7/8"	120	6.2	2500	1000	18-3/8	10	22

NO. 5351 ROTARY HAMMER KIT
Includes 3/4" Rotary Hammer with "A" taper adapter, drift key, auxiliary side handle, depth gauge, dust shield, 3 oz. tube of lubricant for mechanism and steel carrying case.

NO. 5357 ROTARY HAMMER KIT
Same as above. Also includes six "A" taper bits 1/4" × 4", 3/8" × 4-1/2", 7/16" × 4-1/2", 1/2" × 4-1/2", 9/16" × 5" and 5/8" × 5".

ACCESSORIES



TOOTH ANCHOR

TOOTH ANCHOR CHUCK ADAPTER

TOOTH ANCHOR CHUCK

TOOTH ANCHOR CHUCKS AND ADAPTER

Round shank for hammering action only — manual rotation.

NO. 48-66-6720 For Bolt Size 1/4"-3/16" **NO. 48-66-6730** For Bolt Size 3/8" — Anchor O.D. 7/16" 9/16"

CHUCK ADAPTER For tooth anchor chucks
NO. 48-03-3615

NO. 48-86-0100 DRIFT PIN
NO. 49-68-0075 RETAINING SPRING

TOOTH ANCHOR CHUCK KIT
NO. 49-22-2050 Includes all items listed above.

HAMMERING ACTION ONLY

3/4" × 4-1/2" × 7"

CHISEL AND CHISEL ADAPTER Adapter permits hammering action only for chiseling applications.
NO. 48-03-3620 CHISEL ADAPTER Fastens to nose of tool.
NO. 48-62-0300 CHISEL Use retaining spring NO. 49-68-0075.
NO. 49-68-0075 RETAINING SPRING

1/2" INDUSTRIAL CHUCK AND ADAPTER Not recommended for hammering applications. Use with rotation only.
NO. 48-03-3590 CHUCK ADAPTER "A" taper shank. 1/2"-20 threaded end.
NO. 48-66-1280 1/2" CHUCK — Chuck Key included.

"A" TAPER ADAPTER

DUST SHIELD

MISCELLANEOUS ACCESSORIES

48-03-3610 ●	"A" Taper Bit Adapter
48-86-0050 ●	Drift Key for above
49-96-0080 ●	Socket Wrench for Depth Gauge
49-62-0080 ●	Dust Shield
49-08-0150 ●	3 oz. Lubricant for Mechanism
48-55-1520 ●	Steel Carrying Case
49-68-0075	Retaining Spring
49-08-0500	1/2 Lb. Can "A" Grease for Gears
49-08-0800	1 Lb. Can "A" Grease for Gears

● Same as furnished with tool.

FAST SPIRAL "A" TAPER PERCUSSION CARBIDE-TIP BITS

BIT DIA. (INS.)	CATALOG NUMBER	OVERALL LENGTH (INS.)	MAX. DRILLING DEPTH (INS.)
3/16	48-20-3181	4	2
1/4	48-20-3251	4	2
1/4	48-20-3253	6	4
5/16	48-20-3311	4-1/2	2-1/2
5/16	48-20-3313	6	4
3/8	48-20-3383	4-1/2	2-1/2
3/8	48-20-3384	9	7
3/8	48-20-3385	12	10
7/16	48-20-3441	4-1/2	2-1/2
1/2	48-20-3503	9	7
1/2	48-20-3504	4-1/2	2-1/2
1/2	48-20-3505	12	10
9/16	48-20-3561	5	3
9/16	48-20-3562	9	7
5/8	48-20-3623	5	3
5/8	48-20-3624	9	7
5/8	48-20-3625	12	10
11/16	48-20-3691	5	3
3/4	48-20-3791	5-1/2	3-1/2
3/4	48-20-3796	9	7
7/8	48-20-3861	5	3

"A" TAPER PERCUSSION CARBIDE-TIP BITS

BIT DIA. (INS.)	CATALOG NUMBER	OVERALL LENGTH (INS.)	MAX. DRILLING DEPTH (INS.)
3/16	48-20-3180	4	2
1/4	48-20-3250	4	2
1/4	48-20-3252	6	4
5/16	48-20-3310	4-1/2	2-1/2
5/16	48-20-3312	6	4
3/8	48-20-3380	4-1/2	2-1/2
3/8	48-20-3381	9	7
3/8	48-20-3382	12	10
7/16	48-20-3440	4-1/2	2-1/2
15/32	48-20-3470	4-1/2	2-1/2
1/2	48-20-3499	9	7
1/2	48-20-3500	4-1/2	2-1/2
1/2	48-20-3501	12	10
9/16	48-20-3559	5	3
9/16	48-20-3560	9	7
5/8	48-20-3619	5	3
5/8	48-20-3620	9	7
5/8	48-20-3621	12	10
11/16	48-20-3690	5	3
3/4	48-20-3790	5-1/2	3-1/2
3/4	48-20-3795	9	7
7/8	48-20-3860	5	3

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY 1-1/4" and 1-1/2" ROTARY HAMMERS

FAST, LIGHTWEIGHT, POWERFUL U.S. 1 ROTARY HAMMERS

DELIVER MAXIMUM RESULTS WITH MINIMAL USER EFFORT! HEAVY-DUTY FOR CONTINUOUS USE. IDEAL FOR CLOSE CORNER AND OVERHEAD APPLICATIONS.

- **DEPTH ROD** for drilling holes to a preset depth.
- **BIT LOCK** is designed for fast bit replacement.
- **SIDE HANDLE** is fully adjustable and can be rotated 360 degrees.

STEEL CARRYING CASE ONLY
NO. 48-55-0580

- **BALL AND ROLLER BEARINGS**
- **HEAVY-DUTY AC-DC SEALED SWITCH** Two Finger Trigger
- **SELF-STOPPING LONG LIFE BRUSH SYSTEM**
- **EXTRA STRENGTH FLEXIBLE CORD** with rugged separate strain relief.
- **ELECTRO-PNEUMATIC HAMMER MECHANISM** delivers powerful blows with minimum operator pressure. Special design increases efficiency while reducing the size and weight of tool.
- **NO HOURLY OR DAILY OILING REQUIRED**
- **GREASE PERIODICALLY**...depending on amount of use.
- **COMPACT MOTOR HOUSING** designed for easy handling and for operation in close quarters. Low weight of the hammer makes it ideal for overhead drilling applications.
- **LONG-LIFE SELF CONTAINED SLIP CLUTCH** When bit jams, clutch slips—rotary action stops.
- **INTERNAL-EXTERNAL "CAPTIVE" DUST SHIELD** inside of the tool and also extends over nose for greater protection against harmful dust.
- **EPOXY-COATED FIELD** provides the abrasion resistance needed when drilling continuously in concrete and stone. Increases the life of the tool while reducing service time.

1-1/4" ROTARY HAMMERS

4" DIA. CAPACITY IN CONCRETE/MASONRY WITH PERCUSSION CORE BITS

5343
WITH STEEL CARRYING CASE

5344
WITH STEEL CARRYING CASE AND ACCESSORIES

1-1/2" ROTARY HAMMERS

6" DIA. CAPACITY IN CONCRETE/MASONRY WITH PERCUSSION CORE BITS

5347
WITH STEEL CARRYING CASE

5348
WITH STEEL CARRYING CASE AND ACCESSORIES

SPECIFICATIONS

CATALOG NUMBER	MAXIMUM CAPACITY	VOLTS AC-DC	AMPS	BLOWS PER MIN.	NO LOAD RPM	LENGTH (INCHES)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
5343	1-1/4"	120	8	3150	600	17-1/4	13	21
5344	1-1/4"	120	8	3150	600	17-1/4	13	28-1/2

STANDARD EQUIPMENT
NO. 5343 includes Rotary Hammer, Steel Carrying Case, Side Handle and Depth Gauge.
NO. 5344 same as above. Also includes 1/2" × 16", 5/8" × 16" and 3/4" × 16" splined shank bit, 12" bull point, 12" cold chisel and an "A" taper chuck.

SPLINE SHANK BITS

MILWAUKEE ***U.S.-1*** Rotary Hammer is designed for use with the Spline Shank Bits and adapters. The 12 tooth configuration allows for maximum efficiency and less wear on bit and hammer. MILWAUKEE SPLINE SHANK BITS fit directly into the nose of the tool for positive rotation response.

HAMMER TOOLS

The hammer irons fit directly into the nose of the tool. Milled flat, allows hammer iron to be locked in place.

STOP-ROTATION CONTROL available on Nos. 5347 and 5348 only.

NO. 5347 AND 5348 ROTARY HAMMERS are equipped with a Stop-Rotation lever which disengages the rotary action, allowing hammer action only. This feature allows the tool to set self-drilling tooth anchors up to 7/8".

SPECIFICATIONS

CATALOG NUMBER	MAXIMUM CAPACITY	VOLTS AC-DC	AMPS	BLOWS PER MIN.	NO LOAD RPM	LENGTH (INCHES)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
5347	1-1/2"	120	8.5	3150	500	17-1/4	13-1/2	21-1/2
5348	1-1/2"	120	8.5	3150	500	17-1/4	13-1/2	29

STANDARD EQUIPMENT:
NO. 5347 includes Rotary Hammer, Steel Carrying Case, Side Handle and Depth Gauge.
NO. 5348 same as above. Also includes 1/2" × 16", 5/8" × 16" and 3/4" × 16" splined shank bit, 12" bull point, 12" cold chisel and an "A" taper chuck.

SEE PAGES 49, 50 FOR ROTARY HAMMER ACCESSORIES

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY ROTARY HAMMER ACCESSORIES

SPLINE DRIVE AND SDS BITS

ROTARY HAMMER ACCESSORIES ON PAGES 49 AND 50 FIT MILWAUKEE ROTARY HAMMERS 5343, 5344, 5347, 5348 and the following competitive hammers:

B & D 5041-42-43-44 (MACHO)
BOSCH 11202-03-05-09
AEG PH 350-350D, PH 240D, PH 38, PHD 38, PHD 26, PHA 38
METABO RH-66, RH-99, RH-99X
PHILLIPS 747-2
MAKITA HR 3851

NO ADAPTER REQUIRED

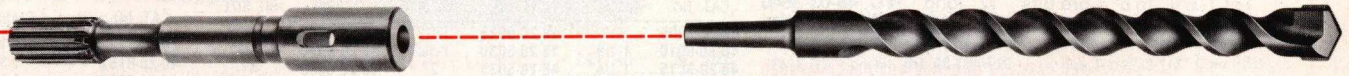
Bits fit directly into tool

RED CATALOG NOS. ARE NOT RECOMMENDED FOR USE WITH MODELS 5343 AND 5344.

ONE PIECE

WITH SPLINED SHANK

BIT DIA. (IN.)	CATALOG NUMBER	OVERALL LENGTH (IN.)	MAX. DRILLING DEPTH (IN.)
3/8	48-20-4037	10	4
1/2	48-20-4050	10	4
1/2	48-20-4051	16	10
1/2	48-20-4052	22	16
9/16	48-28-4056	10	4
5/8	48-20-4062	10	4
5/8	48-20-4063	16	10
5/8	48-20-4064	22	16
11/16	48-20-4068	16	10
3/4	48-20-4075	10	4
3/4	48-20-4076	16	10
3/4	48-20-4078	22	16
13/16	48-20-4081	16	10
7/8	48-20-4087	16	10
7/8	48-20-4088	22	16
1	48-20-4100	16	10
1	48-20-4101	22	16
1-1/8	48-20-4112	16	10
1-1/8	48-20-4113	22	16
1-1/4	48-20-4125	16	10
1-1/4	48-20-4126	22	16
1-3/8	48-20-4137	16	10
1-3/8	48-20-4138	22	16
1-1/2	48-20-4150	16	10
1-1/2	48-20-4151	22	16



"A" TAPER ADAPTERS

Use with "A" taper bits
NO. 48-66-6502

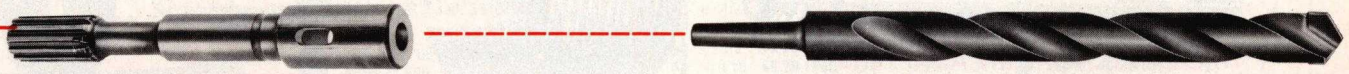
DRIFT PIN

One is included with each adapter
NO. 48-86-0120

FAST SPIRAL "A" TAPER BITS

USE "A" TAPER ADAPTERS

BIT DIA. (IN.)	CATALOG NUMBER	OVERALL LENGTH (IN.)	MAX. DRILLING DEPTH (IN.)
1/4	48-20-3251	4	2
1/4	48-20-3253	6	4
5/16	48-20-3311	4-1/2	2-1/2
5/16	48-20-3313	6	4
3/8	48-20-3383	4-1/2	2-1/2
3/8	48-20-3384	9	7
3/8	48-20-3385	12	10
7/16	48-20-3441	4-1/2	2-1/2
1/2	48-20-3503	9	7
1/2	48-20-3504	4-1/2	2-1/2
1/2	48-20-3505	12	10
9/16	48-20-3561	5	3
9/16	48-20-3562	9	7
5/8	48-20-3623	5	3
5/8	48-20-3624	9	7
5/8	48-20-3625	12	10
11/16	48-20-3691	5	3
3/4	48-20-3791	5-1/2	3-1/2
3/4	48-20-3796	9	7
7/8	48-20-3861	5	3



"A" TAPER ADAPTERS

Use with "A" taper bits
NO. 48-66-6502

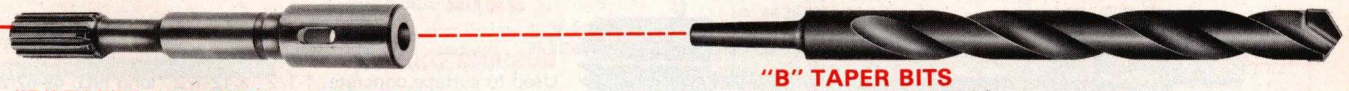
DRIFT PIN

One is included with each adapter
NO. 48-86-0120

"A" TAPER BITS

USE "A" TAPER ADAPTERS

BIT DIA. (IN.)	CATALOG NUMBER	OVERALL LENGTH (IN.)	MAX. DRILLING DEPTH (IN.)
1/4	48-20-3250	4	2
1/4	48-20-3252	6	4
5/16	48-20-3310	4-1/2	2-1/2
5/16	48-20-3312	6	4
3/8	48-20-3380	4-1/2	2-1/2
3/8	48-20-3381	9	7
3/8	48-20-3382	12	10
7/16	48-20-3440	4-1/2	2-1/2
15/32	48-20-3470	4-1/2	2-1/2
1/2	48-20-3499	9	7
1/2	48-20-3500	4-1/2	2-1/2
1/2	48-20-3501	12	10
9/16	48-20-3559	5	3
9/16	48-20-3560	9	7
5/8	48-20-3619	5	3
5/8	48-20-3620	9	7
5/8	48-20-3621	12	10
11/16	48-20-3690	5	3
3/4	48-20-3790	5-1/2	3-1/2
3/4	48-20-3795	9	7
7/8	48-20-3860	5	3



"B" TAPER ADAPTER

Use with "B" taper bits and tooth anchor adapters
NO. 48-66-6503

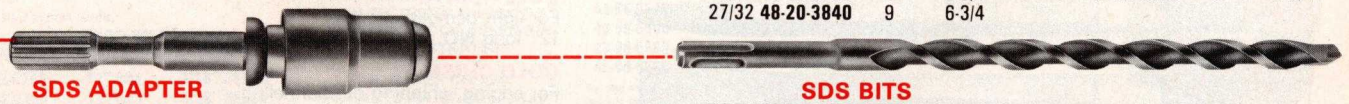
DRIFT PIN

One is included with each adapter
NO. 48-86-0120

"B" TAPER BITS

USE "B" TAPER ADAPTERS

BIT DIA. (IN.)	CATALOG NUMBER	OVERALL LENGTH (IN.)	MAX. DRILLING DEPTH (IN.)
11/16	48-20-3680	9	6-3/4
3/4	48-20-3750	9	6-3/4
27/32	48-20-3840	9	6-3/4
7/8	48-20-3870	9	6-3/4
1	48-20-3100	9	6-3/4



SDS ADAPTER

For use with SDS bits
NO. 48-03-3015

SDS Bits also fit without adapter in competitive models:

AEG PHE 16RL, PHE 20, PH 210; B & D 5014, RYOBI ED-211; BOSCH 11207, 11210 VSR, 11211 VS, 11212 VSR, 11213 K; KANGO 327; HILTI TE 17/22; PHILLIPS 555, 715; HITACHI VRT-22-A, DH 28V, DH 50; MAKITA HR 1821, HR 2511.

SDS BITS

FOR USE WITH SDS ADAPTER

BIT DIA. (IN.)	CATALOG NUMBER	OVERALL LENGTH (IN.)	MAX. DRILLING DEPTH (IN.)
3/16	48-20-7000	4-1/2	2
1/4	48-20-7005	4-1/2	2
1/4	48-20-7010	6-1/4	4
5/16	48-20-7015	6-1/4	3-3/4
3/8	48-20-7020	10-1/2	8
3/8	48-20-7025	12-1/2	10
7/16	48-20-7030	8	6
1/2	48-20-7035	10-1/2	8
1/2	48-20-7040	12-1/2	10
9/16	48-20-7045	10-1/2	8
5/8	48-20-7050	9-1/4	6-3/4
5/8	48-20-7055	12-1/2	10
3/4	48-20-7060	9-1/2	8
3/4	48-20-7065	12-1/2	11
7/8	48-20-7070	10	8
7/8	48-20-7075	18	15-1/2

NEW

HEAVY-DUTY ROTARY HAMMER ACCESSORIES

CORE BITS, HAMMER TOOLS AND TOOTH ANCHOR CHUCKS FOR MODELS 5343, 5344, 5347 and 5348

"B" TAPER ADAPTER | TOOTH ANCHOR CHUCK | ANCHOR

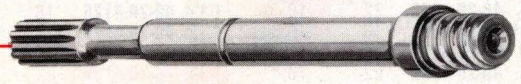
TOOTH ANCHOR CHUCKS

Self-Drilling Anchor Application
Requires use of "B" taper chuck No. 48-66-6503.
(Includes drift pin No. 48-86-0120.)

TOOTH ANCHOR CHUCK CATALOG NUMBER	FOR BOLT SIZE	O.D. OF ANCHOR
48-66-6520	3/16"-1/4"	7/16"
48-66-6540	5/16"	15/32"
48-66-6560	3/8"	9/16"
48-66-6580	1/2"	11/16"
48-66-6600	5/8"	27/32"

DRIFT PIN NO. 48-86-0100 is not furnished with each tooth anchor chuck. Order separately.

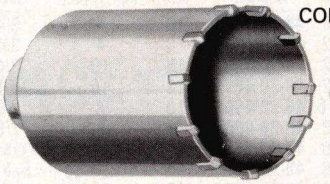
CORE BIT ADAPTER



CORE BIT ADAPTERS (Order Separately)

For 1" to 1-1/2" Core Bits 12" long **NO. 48-03-3535**
For 1" to 1-1/2" Core Bits 18" long **NO. 48-03-3536**
For 1-3/4" to 6" Core Bits 12" long **NO. 48-03-3540**
For 1-3/4" to 6" Core Bits 18" long **NO. 48-03-3541**

RED CATALOG NOS. ARE NOT RECOMMENDED FOR USE WITH MODELS 5343 AND 5344.



CORE BIT | CENTER PIN

(Furnished with Core Bit) GUIDE PLATE

ROTARY PERCUSSION CORE BITS

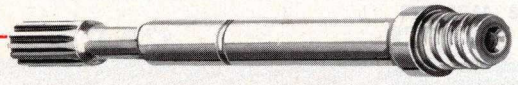
CAT. NO.	BIT SIZE	CAT. NO.	BIT SIZE	CAT. NO.	BIT SIZE
48-20-5005	1"	**48-20-5025**	1-1/2"	**48-20-5045**	3"
48-20-5010	1-1/8"	**48-20-5030**	1-3/4"	**48-20-5050**	3-1/2"
48-20-5015	1-1/4"	**48-20-5035**	2"	**48-20-5055**	4"
48-20-5020	1-3/8"	**48-20-5038**	2-3/8"	**48-20-5060**	5"
		48-20-5040	2-1/2"	**48-20-5065**	6"

CENTER PIN*

(Same as furnished with Core Bits)
For 1-1/4" to 1-1/2" Core Bits **NO. 48-20-6150**
For 1-3/4" to 6" Core Bits **NO. 48-20-6155**
* 1" and 1-1/8" Core Bits do not require a center pin.

REPLACEMENT GUIDE PLATES

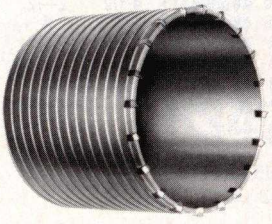
CAT. NO.	DIAMETER
48-20-6151	1-1/4"
48-20-6152	1-3/8"
48-20-6153	1-1/2"
48-20-6156	1-3/4"
48-20-6157	2"
48-20-6154	2-3/8"
48-20-6158	2-1/2"
48-20-6159	3"
48-20-6160	3-1/2"
48-20-6161	4"
48-20-6162	5"
48-20-6163	6"



THICK WALL CORE BIT ADAPTERS

(Order Separately)

For 1" to 1-3/8" Core Bits 12" long **NO. 48-03-3562**
For 1" to 1-3/8" Core Bits 18" long **NO. 48-03-3563**
For 1-1/2" to 6" Core Bits 12" long **NO. 48-03-3564**
For 1-1/2" to 6" Core Bits 18" long **NO. 48-03-3565**



THICK WALL CORE BIT

(Furnished with Core Bit)

CENTER PIN*

(Same as furnished with Thick Wall Core Bits)
For 1-1/4" to 1-3/8" Bits **NO. 48-20-5198**
For 1-1/2" to 6" Bits **NO. 48-20-5199**
* 1" and 1-1/8" Core Bits do not require a center pin.

REPLACEMENT GUIDE PLATES

(For Thick Wall Core Bits)

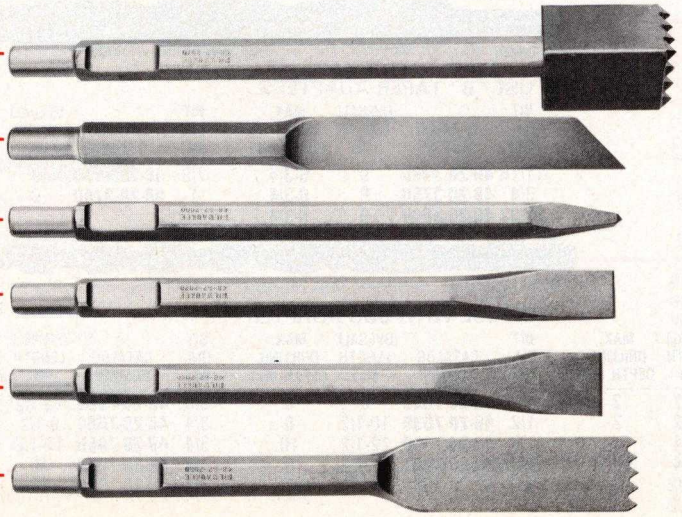
CAT. NO.	DIA.	CAT. NO.	DIA.
48-20-5166	1-1/4"	**48-20-5171**	2-1/2"
48-20-5167	1-3/8"	**48-20-5172**	3"
48-20-5168	1-1/2"	**48-20-5173**	3-1/2"
48-20-5169	1-3/4"	**48-20-5174**	4"
48-20-5170	2"	**48-20-5175**	5"
		48-20-5176	6"

NEW

ROTARY PERCUSSION THICK WALL CORE BITS

CAT. NO.	BIT SIZE	CAT. NO.	BIT SIZE	CAT. NO.	BIT SIZE
48-20-5105	1"	**48-20-5125**	1-1/2"	**48-20-5145**	3"
48-20-5110	1-1/8"	**48-20-5130**	1-3/4"	**48-20-5150**	3-1/2"
48-20-5115	1-1/4"	**48-20-5135**	2"	**48-20-5155**	4"
48-20-5120	1-3/8"	**48-20-5140**	2-1/2"	**48-20-5160**	5"
				48-20-5165	6"

RED CATALOG NOS. ARE NOT RECOMMENDED FOR USE WITH MODELS 5343 AND 5344.



BUSHING TOOLS

Used to surface concrete. 1-1/2" × 12-1/2" long **NO. 48-62-2070**
Bushing Tool head only **NO. 48-62-0910**

MORTAR CUTTING CHISELS

For removing old mortar for tuck pointing or caulking.
12" long **NO. 48-62-2080** 18" long **NO. 48-62-2090**

BULL POINTS

For light demolition work.
12" long **NO. 48-62-2000** 18" long **NO. 48-62-2010**

COLD CHISELS

For edging, chipping or channeling.
12" long **NO. 48-62-2020** 18" long **NO. 48-62-2030**

SCALING CHISELS

For removing weld spatter or scale and cutting between drilled holes in concrete for large openings.
1-1/4" × 12" long **NO. 48-62-2040** 2" × 12" long **NO. 48-62-2050**

SLOTTING CHISEL

For slotting and cutting between drilled holes in concrete and masonry.
1-1/2" × 12" long **NO. 48-62-2060**

HEAVY-DUTY ROTARY HAMMER ACCESSORIES

FOR ROTARY HAMMER MODELS 5300, 5310, 5325

7/16 HEX. SHANK — Fits MILWAUKEE 5300, 5310, 5305, 5315 and Skil 726.

9/16 HEX. SHANK — Fits MILWAUKEE 5325, 5326, Skil 731, 732, B&D 5048 and Rockwell 602, 1602.

ROTARY PERCUSSION CORE BITS

REPLACEMENT GUIDE PLATES

(Same as Furnished with Thick Wall Core Bits)

CAT. NO.	DIA.	CAT. NO.	DIA.
48-20-5166	1-1/4"	48-20-5169	1-3/4"
48-20-5167	1-3/8"	48-20-5170	2"
48-20-5168	1-1/2"	48-20-5171	2-1/2"

NEW

THICK WALL CORE BIT ADAPTERS

(Order Separately)

7/16" Hex For 1"-1-3/8" Core Bits 18" long **NO. 48-03-3566**
7/16" Hex For 1-1/2"-2-1/2" Core Bits 18" long **NO. 48-03-3567**
9/16" Hex For 1"-1-3/8" Core Bits 18" long **NO. 48-03-3568**
9/16" Hex For 1-1/2"-2-1/2" Core Bits 18" long **NO. 48-03-3569**

ROTARY PERCUSSION THICK WALL CORE BITS

CAT. NO.	BIT SIZE	CAT. NO.	BIT SIZE	CAT. NO.	BIT SIZE
48-20-5105	1"	48-20-5120	1-3/8"	48-20-5135	2"
48-20-5110	1-1/8"	48-20-5125	1-1/2"	48-20-5140	2-1/2"
48-20-5115	1-1/4"	48-20-5130	1-3/4"		

CENTER PIN*

(Same as furnished with Thick Wall Core Bits)

For 1-1/4" to 1-3/8" Bits **NO. 48-20-5198**
For 1-1/2" to 2-1/2" Bits **NO. 48-20-5199**

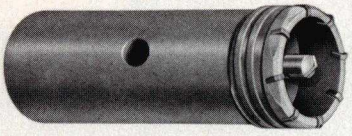
* 1"—1-1/8" Bits do not require a center pin.

CORE BIT ADAPTER
7/16" and 9/16" Hex Shank

CORE BIT ADAPTERS

(Order Separately)

7/16" Hex For 1-1/4" Core Bits **NO. 48-03-3515**
9/16" Hex For 1-1/4" Core Bits **NO. 48-03-3530**
7/16" Hex For 1-1/2"-2-1/2" Core Bits **NO. 48-03-3505**
9/16" Hex For 1-1/2"-2-1/2" Core Bits **NO. 48-03-3520**



REMOVABLE STARTER BIT

ROTARY PERCUSSION CORE BITS

(Starter Bit Included)

CAT. NO.	BIT SIZE
48-20-5250	1-1/4"
48-20-5510	1-1/2"
48-20-5760	1-3/4"
48-20-6010	2"
48-20-6050	2-1/2"

1/2" STARTER BITS

(Same as furnished with Core Bits)

For 1-1/4" Core Bit **NO. 48-20-6105**
For 1-1/2" Core Bit **NO. 48-20-6110**
For 1-3/4" Core Bit **NO. 48-20-6120**
For 2" Core Bit **NO. 48-20-6130**
For 2-1/2" Core Bit **NO. 48-20-6140**

EXTENSIONS

(For 1-1/4" Core Bits)

12" long **NO. 48-95-6065**

(For 1-1/2"-2-1/2" Core Bits)

7-1/2" long **NO. 48-95-6005**
12" long **NO. 48-95-6055**

HAMMER IRON

For chiseling, channeling, light demolition work, chipping, scaling, slotting and tuckpointing.

SCALING CHISEL

For removing weld spatter or scale and cutting between drilled holes in concrete for large openings.

NO. 48-62-0210 1-3/4" × 10" long **7/16" Shank**
NO. 48-62-0355 1-3/4" × 10" long **9/16" Shank**

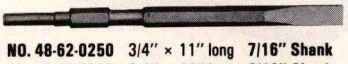
MORTAR CUTTING CHISEL

For removing old mortar for tuckpointing or caulking and seaming.

NO. 48-62-0230 1" × 11" long **7/16" Shank**
NO. 48-62-0362 1" × 11" long **9/16" Shank**

COLD CHISEL

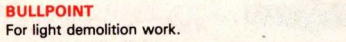
For edging, chipping or channeling.



NO. 48-62-0250 3/4" × 11" long **7/16" Shank**
NO. 48-62-0365 3/4" × 11" long **9/16" Shank**
NO. 48-62-0252 3/4" × 18" long **7/16" Shank**
NO. 48-62-0367 3/4" × 18" long **9/16" Shank**

BULLPOINT

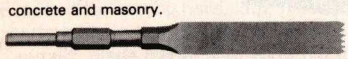
For light demolition work.



NO. 48-62-0240 11" long **7/16" Shank**
NO. 48-62-0380 11" long **9/16" Shank**
NO. 48-62-0248 18" long **7/16" Shank**
NO. 48-62-0382 18" long **9/16" Shank**

SLOTTING CHISEL

For slotting and cutting between drilled holes in concrete and masonry.



NO. 48-62-0220 1-1/8" × 11" long **7/16" Shank**
NO. 48-62-0390 1-1/8" × 11" long **9/16" Shank**

TAPER CHUCKS

"A" TAPER CHUCKS

FITS MODEL NUMBERS	MILWAUKEE CATALOG NUMBER
MILWAUKEE 5300, 5310 Skil 726	48-66-6500
Skil 707, 708 Rockwell 600, 601 Black & Decker 5040-09	48-66-6708
MILWAUKEE 5325 Skil 731, 732 Rockwell 602, 1602 Black & Decker 5048	48-66-6709
Hilti TE-17	48-66-6750

"B" TAPER CHUCKS

MILWAUKEE 5300, 5310 Skil 726		48-66-6501
MILWAUKEE 5325 Skil 731, 732 Rockwell 602 Black & Decker 5048		48-66-6710
Drift Pins	when ordered separately	48-86-0090 * 48-86-0100

* Use with Chuck NO. 48-66-6708.

GENERAL PURPOSE ONE PIECE BITS

No adapter is required. Bits fit directly into nose of the hammer.

7/16" Hex Shank

BIT DIA. (IN.)	CATALOG NUMBER	OVERALL LENGTH (IN.)	MAX. DRILLING DEPTH (IN.)
1/2	48-20-1500	10	4-1/4
1/2	48-20-1502	16	10-1/2
1/2	48-20-1504	22	16
9/16	48-20-1560	12	6-1/2
5/8	48-20-1630	10	4-1/2
5/8	48-20-1632	16	10-1/2
5/8	48-20-1634	22	16
11/16	48-20-1690	12	6-1/2
3/4	48-20-1750	10	4-1/2
3/4	48-20-1752	16	10-1/2
3/4	48-20-1754	23-1/2	18
7/8	48-20-1880	12	6-1/2
7/8	48-20-1882	23-1/2	18
1	48-20-2000	12	6-1/2
1	48-20-2002	23-1/2	18
1-1/8	48-20-2130	12	6-1/2
1-1/8	48-20-2132	23-1/2	18
1-1/4	48-20-2250	12	7
1-1/4	48-20-2251	23-1/2	18
1-3/8	48-20-2370	12	7
1-3/8	48-20-2372	23-1/2	18
1-1/2	48-20-2500	15	10
1-1/2	48-20-2502	23-1/2	18

9/16" Hex Shank

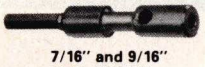
BIT DIA. (IN.)	CATALOG NUMBER	OVERALL LENGTH (IN.)	MAX. DRILLING DEPTH (IN.)
1/2	48-20-1509	10-1/2	4-1/2
1/2	48-20-1510	16-1/2	10-1/2
1/2	48-20-1511	22-1/2	16-1/2
9/16	48-20-1561	13	7
5/8	48-20-1631	10	4
5/8	48-20-1633	16-1/2	10-1/2
5/8	48-20-1635	22-1/2	16-1/2
11/16	48-20-1691	13	7
3/4	48-20-1751	10	4
3/4	48-20-1753	16-1/2	10-1/2
3/4	48-20-1755	22-1/2	16-1/2
7/8	48-20-1881	17	11-1/2
7/8	48-20-1883	22-1/2	16-1/2
1	48-20-2001	12-1/2	7
1	48-20-2003	22-1/2	17
1-1/8	48-20-2131	17	11-1/2
1-1/8	48-20-2133	22-1/2	17
1-1/4	48-20-2252	17	11-1/2
1-1/4	48-20-2253	22-1/2	17
1-3/8	48-20-2371	17	11-1/2
1-3/8	48-20-2373	22	17
1-1/2	48-20-2501	17	11-1/2
1-1/2	48-20-2503	22	17

TOOTH ANCHOR CHUCKS For Applicaton of Self-Drilling Anchors

TOOTH ANCHOR CHUCK

MUST BE USED WITH "B" TAPER CHUCK OR "B" TAPER CHUCK ASSEMBLY AS ILLUSTRATED

"B" TAPER CHUCK
FOR AUTOMATIC ROTATION



7/16" and 9/16" HEX. SHANK AVAILABLE

TOOTH ANCHOR CHUCK

SELF-DRILLING ANCHOR

"B" TAPER CHUCKS

NO. 48-66-6501 7/16" Hex. Shank
NO. 48-66-6710 9/16" Hex. Shank
Drift Pin 48-86-0100 included.

TOOTH ANCHOR CHUCK CATALOG NO.	FOR BOLT SIZE	O.D. OF ANCHOR
48-66-6520	3/16"-1/4"	7/16"
48-66-6540	5/16"	15/32"
48-66-6560	3/8"	9/16"
48-66-6580	1/2"	11/16"
48-66-6600	5/8"	27/32"

For final setting of anchors 1/2" and 5/8" use hand hammer and setting tool.

TOOTH ANCHOR CHUCK KIT

NO. 49-22-2000

Tooth Anchor Chucks for bolts sizes 3/16", 1/4", 3/8", 1/2" and 5/8"; "B" Taper Chuck (48-66-6501) with Drift Pin (48-86-0100) and Steel Case (48-55-0780).

7/16" and 9/16" ROUND SHANK AVAILABLE

"B" TAPER CHUCK ASSEMBLIES

NO. 48-03-3600 7/16" Shank
NO. 48-03-3100 9/16" Shank
Drift Pin 48-86-0100 included.

TOOTH ANCHOR CHUCK

SELF-DRILLING ANCHOR

"B" TAPER CHUCK ASSEMBLY
FOR MANUAL ROTATION

HEAVY-DUTY DEMOLITION HAMMER

FAST BREAKUP OF CONCRETE, ASPHALT, CLAY
COMPACTED DIRT QUICKLY LOOSENED WITH CLAY SPADE

- COMPLETELY SEALED MECHANISM EXCLUDES ABRASIVE DUST INSIDE
- AIR CUSHIONED SYSTEM DELIVERS MAXIMUM BLOW TO BIT—SMOOTH OPERATING TO REDUCE FATIGUE
- HANDLES A WIDE RANGE OF HAMMER IRON

Milwaukee®

5332

SPECIFICATIONS

CATALOG NUMBER	VOLTS AC-DC	AMPS	BLOWS PER MINUTE	LENGTH	NET WEIGHT LBS.	SHP. WEIGHT LBS.
5332	120	13	2000	27-3/4"	34	65

STANDARD EQUIPMENT: Demolition Hammer, Steel Carrying Case, Auxiliary Pipe Handle and "F" Grease.

ACCESSORIES

12" BULL POINT NO. 48-62-0165
20" BULL POINT NO. 48-62-0175

12" COLD CHISEL NO. 48-62-0065
20" COLD CHISEL NO. 48-62-0075

SCALING CHISEL NO. 48-62-0155

SLOTTING TOOL NO. 48-62-0225

BUSHING TOOL NO. 48-62-0900 Used to surface concrete.
BUSHING TOOL HEAD NO. 48-62-0910 Replacement.

CLAY SPADE NO. 48-62-1000

FROST SPADE NO. 48-62-0350

GROUND ROD DRIVER NO. 48-62-6000
Drives 5/8" or 3/4" electrical grounding rods.

STEEL CARRYING CASE
(When ordered separately)
NO. 48-55-0725

TYPE "E" GREASE
1 lb. can
NO. 49-08-4121

TYPE "F" GREASE
2 oz. tube
NO. 49-08-4130

2000 BLOWS PER MIN.

- HEAVY-DUTY MILWAUKEE-BUILT MOTOR
- ALL BALL AND ROLLER BEARINGS
- CONVENIENT TWO FINGER TRIGGER SWITCH
- EASY ACCESS BRUSH COVERS
- 3 POSITION PIPE HANDLE

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY HACK SAWS • BLADES • JOB SAW

12" BI-METAL BLADE HACK SAW FRAME

NO. 48-08-0320

MILWAUKEE'S FINEST Hack Saw features a built-in cranking handle to achieve the higher tension required for MILWAUKEE'S Bi-Metal Blades. A tension indicator helps assure proper tension for more efficient cutting and longer blade life. Rectangular tube construction provides greater strength than ordinary hacksaws. Knuckle Guard protects hands. Blades can be positioned for 90°, 45° angle or flush cutting.

DELUXE 12" HACK SAW FRAME

NO. 48-08-0300

MILWAUKEE Deluxe Hack Saw features a new method of holding blade. Blade cannot "twist" or "wobble", therefore giving a more accurate cutting stroke and a longer blade life. Blade may be positioned to cut sideways absolutely flush with a surface. Cuts completely down to surface. A heavy-duty 12" Hack Saw designed for a lifetime of use.

10" TO 12" HACK SAW FRAME

NO. 48-08-0310

MILWAUKEE tubular Hack Saw of strong aluminum die cast construction adjusts for 10" or 12" blades. Smooth, comfortable front and rear handle grips. Locking screw extends all the way through tube for tighter alignment. Tube walls never press against threads of screw. Front stretcher held in snug fitting square hole — not a "punched hole" in thin wall of tubing. Good solid alignment in both 10" and 12" positions.

MILWAUKEE HACK SAW BLADES

SUPER-TOUGH™ BI-METAL, HIGH SPEED MOLYBDENUM STEEL and CARBON ALLOY STEEL BLADES

MILWAUKEE SUPER-TOUGH™ BI-METAL BLADES outlast conventional blades up to 3 times longer, requires fewer blade changes. Can be used in any hacksaw frame, but performs better under high tension of Bi-Metal frame.

SUPER-TOUGH™ BI-METAL

PACKAGE OF 10 BLADES

CATALOG NUMBER	LENGTH	TEETH PER INCH	SET
48-43-0600	12"	14	RAKER
48-43-0610	12"	18	RAKER
48-43-0620	12"	24	WAVY
48-43-0630	12"	32	WAVY

HIGH SPEED MOLYBDENUM STEEL

PACKAGE OF 100 BLADES

CATALOG NUMBER	LENGTH	TEETH PER INCH	SET
48-43-0550	12"	14	RAKER
48-43-0560	12"	18	RAKER
48-43-0570	12"	24	WAVY
48-43-0580	12"	32	WAVY

PACKAGE of 10 BLADES

CATALOG NUMBER	LENGTH	TEETH PER INCH	SET
48-43-0010	10"	18	RAKER
48-43-0050	12"	14	RAKER
48-43-0060	12"	18	RAKER
48-43-0110	10"	24	WAVY
48-43-0120	10"	32	WAVY
48-43-0130	12"	24	WAVY
48-43-0140	12"	32	WAVY

CARBON ALLOY STEEL

PACKAGE OF 100 BLADES

CATALOG NUMBER	LENGTH	TEETH PER INCH	SET
48-43-0500	12"	14	RAKER
48-43-0510	12"	18	RAKER
48-43-0520	12"	24	WAVY
48-43-0530	12"	32	WAVY

HEAVY-DUTY JOB SAW

- *PERFORMS AS A DRYWALL AND KEYHOLE SAW*
- *ACCOMMODATES MILWAUKEE SAWZALL® BLADES*

Excellent for cutting nails, lath, plasterboard, BX cable, wood, conduit, etc. Cut comfortably in any position by simply turning the saw in your hand. Standard Sawzall® blade clamp with wing nut locks blade securely.

JOB SAW PACKAGE

NO. 48-08-0400

Includes No. 48-00-1035 quality 6 tooth all purpose blade for nail embedded woods, Transite, and fiberboard.

SELECT 1/2" TANG SAWZALL® BLADES TO FIT JOB SAW. SEE PAGES 55 THRU 57.

HEAVY-DUTY SAWZALL®

CUTS ANY SAWABLE MATERIAL — NEEDS NO STARTING HOLE — 5 MODELS

First powerful, lightweight, portable electric reciprocating saw in a complete unit, the SAWZALL, with its patented mechanism, has proven its ruggedness and versatility in continuous field use. For Plumbers, Heating and Air Conditioning Contractors, Electricians, Builders, Steel Fabricators, Maintenance People and Manufacturers. Cuts any shape in wood, plaster, metal, plastics, masonite, builder's transite and other sawable materials...plunge cuts in wood and other resilient stock...no starting hole required.

- ALL BALL AND ROLLER BEARINGS
- DURABLE GLASS REINFORCED NYLON HANDLE
- PROTECTIVE FRONT END BOOT
- SIMPLE, RUGGED RECIPROCATING MECHANISM — STANDARD ON ALL SAWZALL MODELS
- TWO SPEED RANGES ON ALL MODELS
- DIRECT ACCESS TO BLADE ADJUSTING SCREWS

FULL DOUBLE INSULATED CONSTRUCTION ON MODEL 6512. TWO INDEPENDENT INSULATING BARRIERS BETWEEN ELECTRICAL WINDINGS AND EXPOSED METAL ON ALL MODELS

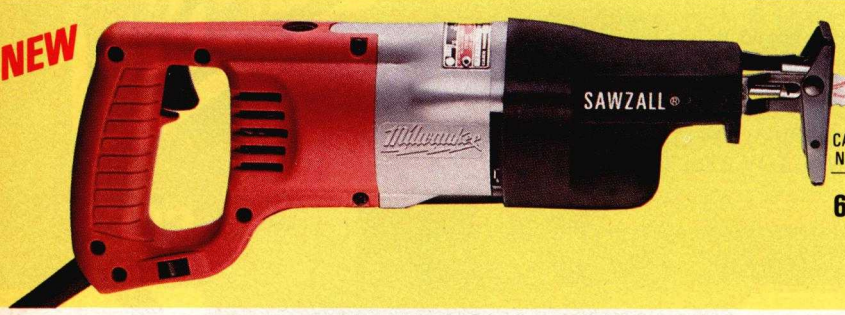
SPECIFICATIONS

VARIABLE SPEED QUIK-LOK CORD
TWO SPEED RANGES
0 to 2400 and 0 to 1700

CATALOG NUMBER	VOLTS AC ONLY	AMPS	LENGTH OF STROKE	STROKES PER MINUTE	OVERALL LENGTH (INCHES)	NET WGT. LBS.	SHP. WGT. LBS.
6507	120	4	3/4"	0-1700 0-2400	16	7	18

QUIK-LOK CORD SETS
8' QUIK-LOK * NO. 48-76-3008
25' QUIK-LOK NO. 48-76-3025
50' QUIK-LOK NO. 48-76-3050
* Standard Equipment

NEW



VARIABLE SPEED
TWO SPEED RANGES
0 to 2400 and 0 to 1700

CATALOG NUMBER	VOLTS AC ONLY	AMPS	LENGTH OF STROKE	STROKES PER MINUTE	OVERALL LENGTH (INCHES)	NET WGT. LBS.	SHP. WGT. LBS.
6508	120	4	3/4"	0-1700 0-2400	16	7	18

STEEL CARRYING CASE
NO. 48-55-1501
Standard Equipment for all Sawzalls except No. 6531. Features large storage area for extra Sawzall Blades and accessories. Case designed to fit Sawzall with up to 6" blade, without removal of blade for storage. Heavy-duty 20 gauge steel. Full color blade selector chart for fast Sawzall Blade identification.

TWO SPEED 2400 or 1700

CATALOG NUMBER	VOLTS AC ONLY	AMPS	LENGTH OF STROKE	STROKES PER MINUTE	OVERALL LENGTH (INCHES)	NET WGT. LBS.	SHP. WGT. LBS.
6511	120	4	3/4"	2400/1700	16	7	18
6531●	120	4	3/4"	2400/1700	16	7	10

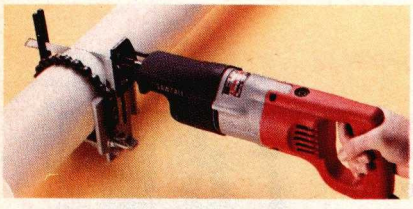
● Less Case

TWO SPEED DOUBLE INSULATED 2400 or 1700

CATALOG NUMBER	VOLTS AC ONLY	AMPS	LENGTH OF STROKE	STROKES PER MINUTE	OVERALL LENGTH (INCHES)	NET WGT. LBS.	SHP. WGT. LBS.
6512	120	4	3/4"	2400/1700	16	7	18

STANDARD EQUIPMENT — ALL MODELS

SUPER-TOUGH™ BI-METAL SAWZALL BLADE ASSORTMENT NO. 49-22-1125. A total of 7 SAWZALL Blades for wood and metal packaged in a vinyl sleeve. Also included are socket wrench and holder, extra blade clamp and screw. Heavy-Duty 20 gauge steel carrying case. (Not supplied with Sawzall 6531.) 8' Quik-Lok cord set supplied with Sawzall 6507 only.



SAWZALL CUT-OFF FIXTURE NO. 48-08-0200
Inexpensive time saving accessory, designed to make square accurate cuts thru steel and plastic pipe and other materials up to 4-1/2" O.D. Easily accommodates irregular shapes to 3-1/4" × 4-1/2".

OFFSET BLADE ADAPTER
NO. 48-03-2000

For close quarter sawing. Extra Blade Clamp and Blade Clamp Screw included. For all Sawzalls.

WRENCH, SCREW AND CLAMP KIT NO. 49-22-5080 consists of 10 blade clamp screws, 2 blade clamps and 2 socket wrenches.
WRENCH AND SCREW KIT NO. 49-22-5050 consists of 25 socket wrenches and 50 blade clamp screws.
BLADE CLAMP ONLY NO. 42-68-0073
BLADE CLAMP SCREW ONLY NO. 06-75-2400
BLADE CLAMP WRENCH NO. 49-96-0070
RUBBER FLEX WRENCH HOLDER NO. 48-66-4080

TYPE "A" GREASE NO. 49-08-0500 for gear case 1/2 lb. can
TYPE "A" GREASE NO. 49-08-0800 for gear case 1 lb. can
TYPE "B" GREASE NO. 49-08-0600 for mechanism 1/2 lb. can
TYPE "B" GREASE NO. 49-08-0900 for mechanism 1 lb. can

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

SUPER-TOUGH™ BI-METAL SAWZALL® BLADES

HEAT TREATED FOR MAXIMUM CUTTING SPEED AND ABRASION RESISTANCE
1/2" UNIVERSAL TANG

SHARPEST, FASTEST CUTTING, LONGEST LASTING

WOOD CUTTING BLADES for cutting wood, nail embedded wood, all purpose, general roughing-in

BI-METAL

CATALOG NUMBER (POUCH)	TEETH PER INCH	LENGTH INCHES	QTY. PER POUCH	RECOMMENDED FOR CUTTING
48-01-3031	5/8	6	5	Fast cutting, nail embedded wood, general roughing-in.
48-01-3035	6	6	5	Fast cutting, curves in nail embedded wood, general roughing-in.
48-01-3036	6	9	5	Very fast cutting, nail embedded wood, general roughing-in.
48-01-3037	6	12	5	Very fast cutting, nail embedded wood, general roughing-in.
48-01-3041	4/6	6	5	Shearing action — Very fast cutting, circles, contours, nail embedded wood.

WOOD CUTTING BLADES for cutting wood, nail embedded wood, composition materials

BI-METAL

48-01-1011	6	3-1/2	5	Fast cutting, all woods, nail embedded, composition materials.
48-01-1012	6	6	5	Fast cutting, all woods, nail embedded, composition materials.

METAL CUTTING BLADES for cutting metal, scroll cutting

BI-METAL

48-01-1161	10	3-5/8	5	Metal Scroll — Heavy gauge metal, hard rubber, fiber.
48-01-1162	14	3-5/8	5	Metal Scroll — Heavy gauge metal, hard rubber, fiber.
48-01-1163	18	3-5/8	5	Metal Scroll — Metal thinner than 1/8" thick.

METAL CUTTING BLADES for heavy gauge metal

BI-METAL

48-01-1181	14	4	5	Heavy gauge metal, bar stock 1/8" and above, angles, hard rubber.
48-01-1182	14	6	5	Heavy gauge metal, bar stock 1/8" and above, angles, fiber, hard rubber.
48-01-1183	18	4	5	Heavy gauge metal, conduit, tubing, channels, pipe, general use.
48-01-1184	18	6	5	Heavy gauge metal, conduit, tubing, channels, pipe, general use.
48-01-1185	24	4	5	Metal and pipe 18 ga. and under, trim tubing.
48-01-1186	24	6	5	Metal and pipe 18 ga. and under, trim, tubing.

ALL PURPOSE BLADES for cutting wood, nail embedded wood, plastics, metals, cast iron

BI-METAL

48-01-3090	10	3-1/2	5	All woods, nail embedded, composition materials, plastic, cast aluminum, light gauge non-ferrous metals.
48-01-3092	10	6	5	All woods, nail embedded, composition materials, plastic, cast aluminum, light gauge non-ferrous metals.
48-01-3093	10/14	8	5	All woods, nail embedded, composition materials, plastic, cast aluminum, light gauge non-ferrous metals, cast iron.

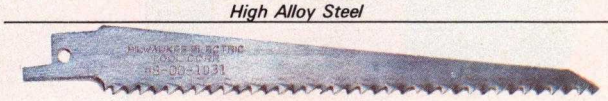
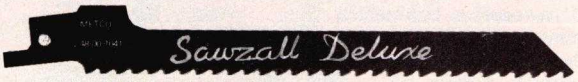
FUNCTIONAL PACKAGING

- **Packaged in reusable see-through plastic pouch for quick selection.**
- **Package has pre-punched hole at top for hanging.**
- **Five blades per pack on all types.**
- **Blade application data printed on back of pouch.**

HEAVY-DUTY SAWZALL® BLADES

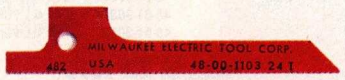
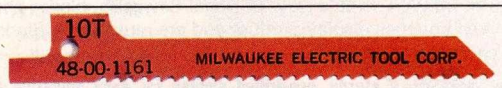
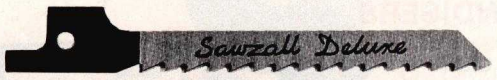
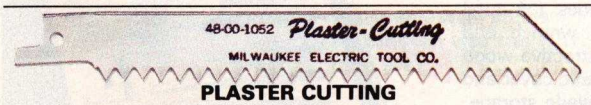
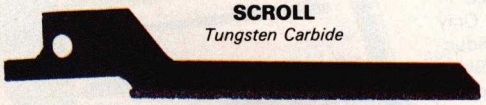
CUSTOM MILLED TEETH, SET AND HARDENED FOR MAXIMUM PERFORMANCE
- 1/2" UNIVERSAL TANG FOR RECIPROCATING SAWS
- SOLD IN BOX LOTS ONLY—SEE QUANTITY PER BOX COLUMN

WOOD CUTTING BLADES for cutting wood, nail embedded wood, all purpose, general roughing-in

	CATALOG NUMBER (BOX)	TEETH PER INCH	LENGTH INCHES	QTY. PER BOX	RECOMMENDED FOR CUTTING
ZIP CUT *High Alloy Steel*	**48-00-1001**	3	3-1/2	10	Nail free woods...fastest cutting...fully hardened to withstand roughest sawing. Teeth, fleam sharpened to shear, not tear wood fibers. Canted shank provides for faster feed, deeper cut and ideal return stroke clearance.
	48-00-1002	3	6	10	
TUFF BACK *High Alloy Steel*	**48-00-1011**	6	3-1/2	10	Nail embedded woods and composition materials
	48-00-1012	6	6	10	
	48-00-1014	10	6	10	For all woods...nail embedded woods, composition materials and light gauge non-ferrous metals
	48-00-2013	18	12	5	Nail embedded woods...for opening crates, boxes, removing wood siding and shingles
SPRING BACK *High Alloy Steel*	**48-00-1022**	6	6	5	All woods including nail embedded woods. Hardened and tempered to resist bend or twist. Even after severe twist, blade springs right back to its original shape.
	48-00-1023	10	3-1/2	5	
	48-00-1024	10	6	5	
 **GENERAL PURPOSE** *Spring Steel*	**48-00-1031**	7	6	5	General roughing-in work in wood and nail embedded woods
	48-00-1032	7	12	5	
	48-00-1033	7	9	5	
GENERAL PURPOSE *Spring Steel*	**48-00-1035**	6	6	10	General roughing-in work in wood and nail embedded woods. Thinner and harder than 1031 series for faster cuts.
	48-00-1036	6	9	10	
 **SAWZALL DELUXE** *Spring Steel*	**48-00-1041**	6	6	5	Wood cutting...shear tooth design...fleam sharpened for shearing action...very fast cutting, long blade life.
	48-00-1042	6	12	3	
	48-00-1043	6	9	4	
ALL PURPOSE *Band Saw Steel*	**48-00-1061**	6	3-1/2	10	For nail free woods, plywood and fiberboard...A general purpose economy type blade.
	48-00-1062	6	6	10	
	48-00-1063	10	3-1/2	10	Nail embedded woods, plywood and insulating board. Can also be used for cutting Transite. Blade edge hardened.
	48-00-1064	10	6	10	
	48-00-1067	24	3-1/2	10	For light gauge non-ferrous metals.
Bi-Metal	**48-00-3035**	6	6	5	Very fast cutting in wood or nail embedded woods. General roughing-in work.
	48-00-3036	6	9	5	
	48-00-3037	6	12	5	
Bi-Metal	**48-00-3031**	5/8	6	5	Fast cutting in wood or nail embedded woods. General roughing-in work.
Bi-Metal	**48-00-3041**	4/6	6	5	Very fast cutting in wood or nail embedded woods. Shear tooth design/fleam sharpened for shearing action

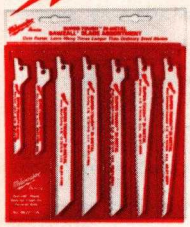
▲ All blades have teeth set to cut on up stroke except blades 48-00-2064 and 48-00-2066. These 2 blades have teeth set to cut on down stroke and are recommended when sawing veneers or plywood to prevent splintering on the finish side.

METAL CUTTING BLADES and SPECIAL PURPOSE BLADES

	CATALOG NUMBER (BOX)	TEETH PER INCH	LENGTH INCHES	QTY. PER BOX	RECOMMENDED FOR CUTTING
METAL CUTTING *High Speed Steel*	**48-00-2175**	10	8	5	Steel or copper pipe to 4" dia., and also metal decking materials.
	48-00-1171	14	2-1/2	10	Metal heavier than 1/8" thick, angles, bar stock, hard rubber and fiber.
	48-00-1172	14	4	10	
	48-00-1179	14	6	10	
	48-00-1173•	18	2-1/2	10	Heavy gauge metals, conduit, pipe, channels and tubing
	48-00-1174•	18	4	10	
	48-00-2170•	18	6	10	
	48-00-1175•	24	2-1/2	10	Metals lighter than 18 gauge sheet, trim and tubing.
	48-00-1176•	24	4	10	
	48-00-2171•	24	6	10	
	48-00-1177	32	2-1/2	10	Very light gauge metals...sheet trim and tubing.
	48-00-1178	32	4	10	
BI-METAL	**48-00-1180**	10	4	10	Heavy gauge metals, cast iron, angles, bar stock 1/8" thick and above. Hard rubber. Fast cutting high speed steel teeth welded to a flexible alloy steel back for high resistance to breakage.
	48-00-1181	14	4	10	
	48-00-1182	14	6	10	
	48-00-1183•	18	4	10	Same characteristics as 1180, 1181, 1182 except finer teeth for fast cutting of metals 18 gauge to 1/8" thick, conduit, pipe, channels and tubing.
	48-00-1184•	18	6	10	
	48-00-1185•	24	4	10	
 **METAL SCROLL** *Bi-Metal*	**48-00-1101**	14	2-1/2	10	Scroll cutting metals. 14 tooth for 1/8" and over. 18 tooth — 18 ga. to 1/8". 24 tooth — Lighter than 18 ga.
	48-00-1102•	18	2-1/2	10	
	48-00-1103•	24	2-1/2	10	
	• Some Varieties of stainless steel can be cut with these blades.				
 **METAL SCROLL** *Bi-Metal*	**48-00-1161**	10	3-5/8	10	Heavy gauge metal, hard rubber and fiber.
	48-00-1162	14	3-5/8	10	
TWIN EDGE *High Alloy Steel*	**48-00-1131**	7	4-1/8	5	Plunge cutting wood and sawing back to a line. Hardened teeth and flexible center permits sawing in close quarters. High resistance to bending or breaking. Ideal for roughing-in.
 **WOOD SCROLL** *See Chart*	**48-00-1121**	6	3-5/8	5	Sawing intricate shaped and scroll cuts in wood and synthetic structural materials. (1121) a carbon steel economy blade (Gray). (1151) a high speed steel Deluxe blade (Black).
	48-00-1151	6	3-5/8	5	
	48-00-1141	7	3-5/8	10	Rough cutting irregular contours in wood, fiberboard and asphalt. Spring steel blade (Black).
 **PLASTER CUTTING** *High Alloy Steel*	**48-00-1051**	6	3-1/2	10	For plaster, plaster with metal lath, plasterboard. Cuts on both forward and backward strokes.
	48-00-1052	6	6	10	
 **SCROLL** *Tungsten Carbide*	**48-00-1410†**	GRIT	3-1/2	3	Medium grit: for brick, carbon, claypipe, chalkboard, plywood, hardwood veneer plywood.
	† With 2-speed and trigger control SAWZALL® use slower speeds.				
TUNGSTEN CARBIDE	**48-00-1400†**	GRIT	4	3	Coarse grit: for fiberglass (epoxies, polyesters, silicones, melamines).
	48-00-1420†	GRIT	6	3	Nail embedded wood, plaster with nails and cement.
PRUNING *High Alloy Steel*	**48-00-1302**	6	12	5	Pruning trees, smooth sawing green woods. Deep tooth design, fleam filed. Clean cuts wood fibers.

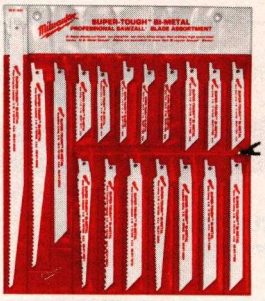
HEAVY-DUTY SAWZALL® BLADES

PACKAGING and MERCHANDISERS



BI-METAL SAWZALL® BLADE ASSORTMENT
NO. 49-22-1125

Tough, reusable, vinyl protective pouch; see through for instant blade identification. Assortment of 7 Bi-Metal Sawzall® Blades for wood, metal and nail embedded wood. One each of Nos. 48-01-(1161, 1162, 1182, 1184, 3031, 3035, 3041). Selector chart imprinted on back of pouch.



BI-METAL SAWZALL® PROFESSIONAL BLADE ASSORTMENT
NO. 49-22-1085

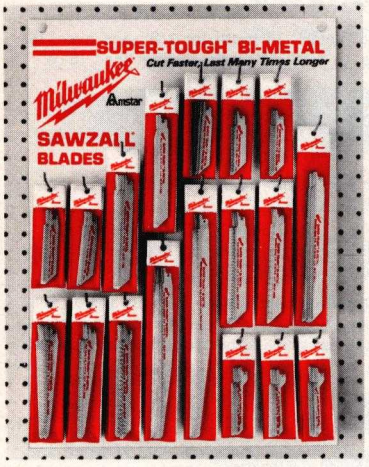
Folding, vinyl sleeve holds one each of the 18 Super-Tough™ Bi-Metal Sawzall® Blades. 18 Super-Tough™ blades are equivalent to more than 60 regular Sawzall® blades. Measures 11" × 12-3/4".

48-01-1011	WOOD CUTTING
48-01-1012	WOOD CUTTING
48-01-1161	METAL SCROLL CUTTING
48-01-1162	METAL SCROLL CUTTING
48-01-1163	METAL SCROLL CUTTING
48-01-1181	HEAVY METAL CUTTING
48-01-1182	HEAVY METAL CUTTING
48-01-1183	HEAVY METAL CUTTING
48-01-1184	HEAVY METAL CUTTING
48-01-1185	METAL CUTTING
48-01-3031	WOOD CUTTING
48-01-3035	WOOD CUTTING
48-01-3036	WOOD CUTTING
48-01-3037	WOOD CUTTING
48-01-3041	WOOD CUTTING
48-01-3090	ALL PURPOSE
48-01-3092	ALL PURPOSE
48-01-3093	ALL PURPOSE

BI-METAL SAWZALL® BLADE MERCHANDISER NO. 49-22-1068

Compact wall hanging display will promote and sell the new MILWAUKEE Sawzall® Blade packages. Eight hooks can hold up to 40 Super-Tough™ Bi-Metal Blade packages. Place several displays side by side to increase the selection and quantity of blades available to your customers. The header explains the benefits of Bi-Metal Blade construction and features a photo of a MILWAUKEE Sawzall® and a Super-Tough™ Bi-Metal blade. Measures 10-1/2" × 12".

CATALOG NUMBER	NO. OF PACKAGES	BLADES PER PACKAGE
48-00-1180	1	10
48-00-1181	1	10
48-00-1182	1	10
48-00-1183	1	10
48-00-1184	1	10
48-00-1185	1	10
48-00-3031	1	5
48-00-3041	1	5



BI-METAL SAWZALL® BLADE MERCHANDISER NO. 49-22-1075

● COMPACT (23-1/2" × 16-1/2") display ● PLAN-O-GRAM pegboard display—mounts on your pegboard, freeing up counter and floor space ● Displays 19 of MILWAUKEE's New Bi-Metal Sawzall® blades shown in chart below—61 packages total ● See through vinyl pouches display product and are reusable ● Blade information printed on the blade and reverse side of each pouch

NO. 49-22-1075 includes: 61 Bi-Metal Sawzall® Blade packages, a sturdy, pre-drilled display for easy mounting on your pegboard, pegboard hooks and mounting snaps.

CATALOG NUMBER	BLADES PER PKG.	NO. OF PKGS.
48-01-1011	5	1
48-01-1012	5	1
48-01-1161	5	1
48-01-1162	5	2
48-01-1163	5	3
48-01-1181	5	2
48-01-1182	5	6

CATALOG NUMBER	BLADES PER PKG.	NO. OF PKGS.
48-01-1183	5	3
48-01-1184	5	7
48-01-1185	5	1
48-01-1186	5	1
48-01-3031	5	7
48-01-3035	5	7

CATALOG NUMBER	BLADES PER PKG.	NO. OF PKGS.
48-01-3036	5	1
48-01-3037	5	5
48-01-3041	5	7
48-01-3090	5	1
48-01-3092	5	3
48-01-3093	5	2

SAWZALL® BLADE MERCHANDISERS

NEW

Both units feature greater blade visibility. Order either the General Sawzall® Blade Merchandiser NO. 49-22-1065 which includes 22 blade varieties (171 total blades) or the Bi-Metal Sawzall® Blade Merchandiser NO. 49-22-1040 with 19 different Bi-Metal blades (95 total blades). Each includes socket wrench and screw kit. Merchandiser is an attractive wood cabinet with an unbreakable plastic cover and shelves in the back for handy blade storage. Complete unit measures only 15" deep, 15" wide and 16" high. Blades are displayed in removable plastic trays. Tray and Blades Only are available for each merchandiser at a reduced price to convert your older Sawzall® Blade Merchandiser to the new blade selections. Separate, lower cost, Blade Only refills are also offered. See selections below.

NEW

BI-METAL SAWZALL® BLADE MERCHANDISER NO. 49-22-1040

BLADE ONLY REFILL—NO. 49-22-1033
BLADE REFILL WITH TRAY—NO. 49-22-1045

CATALOG NUMBER	NO. OF BLADES
48-01-1011	5
48-01-1012	5
48-01-1161	5
48-01-1162	5
48-01-1163	5
48-01-1181	5
48-01-1182	5

CATALOG NUMBER	NO. OF BLADES
48-01-1183	5
48-01-1184	5
48-01-1185	5
48-01-1186	5
48-01-3031	5
48-01-3035	5
48-01-3036	5

CATALOG NUMBER	NO. OF BLADES
48-01-3037	5
48-01-3041	5
48-01-3090	5
48-01-3092	5
48-01-3093	5
49-22-5050	1

SAWZALL® BLADE MERCHANDISER NO. 49-22-1065

BLADE ONLY REFILL—NO. 49-22-1053
BLADE REFILL WITH TRAY—NO. 49-22-1056

CATALOG NUMBER	NO. OF BLADES
48-00-1181	10
48-00-1182	10
48-00-1183	10
48-00-1184	10
48-00-3031	5
48-00-3035	5
48-00-3041	5
48-00-1031	5

CATALOG NUMBER	NO. OF BLADES
48-00-1032	5
48-00-1033	5
48-00-1102	10
48-00-1162	10
48-00-1052	10
48-00-1041	5
48-00-1042	3
48-00-1064	10

CATALOG NUMBER	NO. OF BLADES
48-00-1172	10
48-00-1174	10
48-00-1176	10
48-00-1179	10
48-00-1420	3
48-00-2170	10
49-22-5050	1

HEAVY-DUTY CHOP SAWS

15 AMP MOTOR

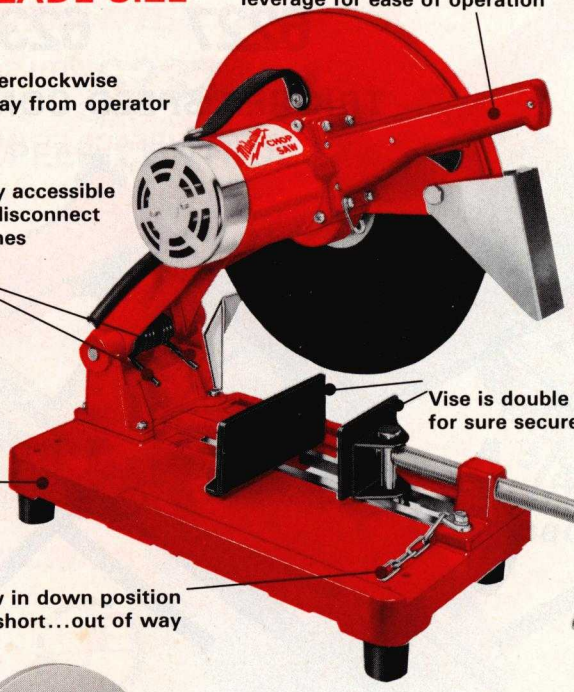
FAST CHOP CUTTING ACTION IN ANGLE IRON, PIPE, TUBING, CONDUIT, PVC and CHANNELS

6165 12" BLADE SIZE

6170 14" BLADE SIZE

NEW! MORE POWERFUL! 14" MODEL 6170

MILWAUKEE Heavy-Duty Chop Saws are designed for maximum cutting efficiency in any shop or job site location. Powerful motor, huge cutting capacity, rugged heavy-duty construction to provide stable cutting of angle iron, pipe, tubing, conduit, channels, PVC... any sawable material. Efficiently cuts bundles of drywall studs. Extensively used in any heavy-duty industrial construction.



- Wheel rotation counterclockwise to direct particles away from operator
- Easily accessible self-disconnect brushes

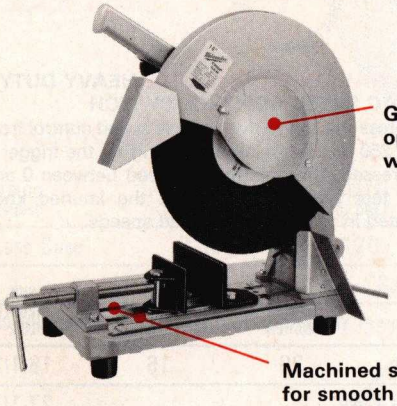
Straight long handle provides leverage for ease of operation

Double spring on arm to minimize resistance of saw travel in either direction

Vise is double thick metal for sure secure grip...long life

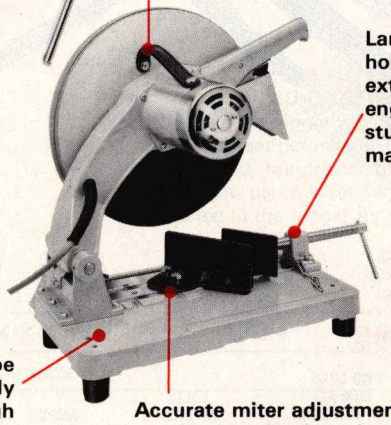
Heavy-duty aluminum die-cast base. Rigid... vibration free

Chain for locking saw in down position is short...out of way



Guard plate pivots open for easy access when changing wheel

Machined steel slides for smooth vise travel... long life



Strap handle positioned for balanced carrying

Large screw holder for extra thread engagement... sturdy, accurate maintenance free

Unit may be permanently mounted through use of (3) holes in base

Accurate miter adjustment markings on pivoting vise for miter cuts 0° to 45°

Fast one screw adjustment to change vise cutting angle

SPECIFICATIONS

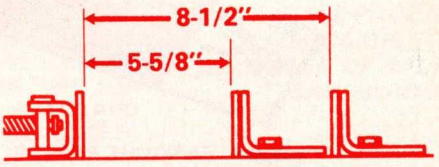
BLADE SIZE	CATALOG NUMBER	VOLTS	AMPS	NO LOAD SPEED (RPM)	ARBOR	CAPACITIES			NET WEIGHT	SHP. WEIGHT
						O.D. PIPE DIAMETER	BAR STOCK	SQUARE STOCK		
12"	**6165**	115 AC	15	4200	1"	4"	2-3/8"	4"	35 lbs.	42 lbs.
14"	**6170**	115 AC	15	3350	1"	5"	2-9/16"	4-3/8"	40 lbs.	45 lbs.

STANDARD EQUIPMENT: Includes Vice, Abrasive Wheel, Open End Wrench, NO. 49-96-4120 and Spanner Wrench, NO. 49-96-7610.

ABRASIVE CUT-OFF WHEELS

PACKED AND SOLD ONLY IN BOXES OF 5

CATALOG NUMBER	BLADE DIAMETER	ARBOR DIAMETER	MAXIMUM SAFE SPEED RPM
49-93-6220	12" × 3/32"	1"	5000
49-93-6230	14" × 3/32"	1"	4350



MAXIMUM OPENINGS FOR TWO POSITION VISE

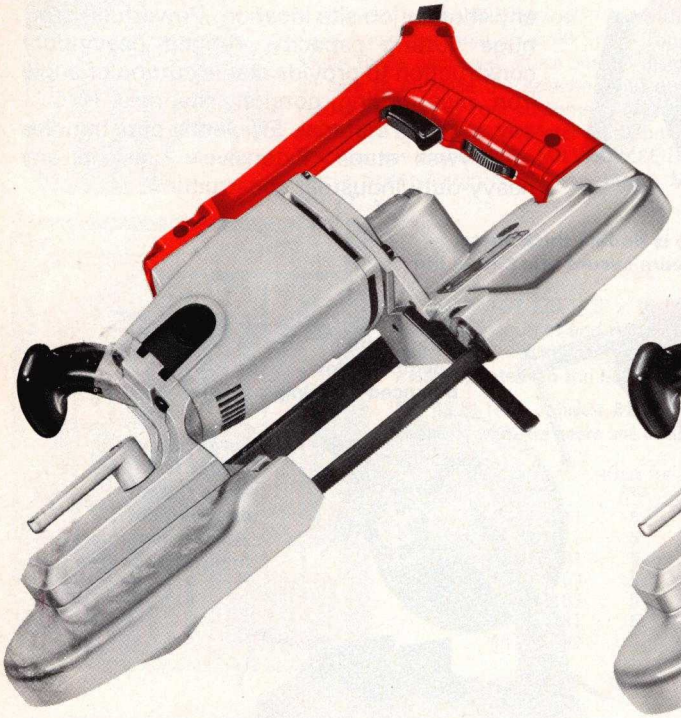
MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY PORTABLE ELECTRIC BAND SAWS

ALL MODELS USE STANDARD 44-7/8" × 1/2" × .020 BAND SAW BLADES

- Gear drive mechanism is lubricated with grease—no oiling required!
- Precison Ball Bearing Blade Guide
- Ideal for sawing PVC tubing
- Front T-Handle for better control

6225 LESS CASE — 6226 WITH CASE
TWO SPEED
200 AND 250 SURFACE FT./MIN.



6227 LESS CASE — 6234 WITH CASE
TRIGGER SPEED CONTROL
0 TO 250 SURFACE FT./MIN.

MILWAUKEE ELECTRONICS HEAVY-DUTY TRIAC SPEED CONTROL SWITCH
Depress the trigger for variable speed control from 0 to 250 feet per minute. The further the trigger is depressed, the greater the speed between 0 and 250 feet per minute. Adjust the knurled knob located in the trigger for fixed speeds.

SPECIFICATIONS

CATALOG NUMBER	NO LOAD SURFACE FT. PER MIN.	VOLTS AC ONLY	AMPS	CAPACITY ROUND STOCK	CAPACITY RECTANGULAR STOCK	LENGTH INCHES	NET WEIGHT LBS.	SHP. WEIGHT LBS.
6225 Less Case	250/200	120	6/5	3-1/2"	3-1/2" × 4-1/2"	20	16	18-1/2
6226	Same as 6225, but with Steel Carrying Case							27-1/2
6227 Less Case	0-250	120	6	3-1/2"	3-1/2" × 4-1/2"	20	16	18-1/2
6234	Same as 6227, but with Steel Carrying Case							27-1/2

STANDARD EQUIPMENT: Includes one No. 48-39-0510 quality 14 tooth Super-Tough™ Bi-Metal blade.

ACCESSORIES AND PORTABLE BAND SAW TABLE FOR ALL MILWAUKEE BAND

SEE PAGE 62 FOR COMPLETE SELECTION OF BAND SAW BLADES

EASY-CUT PORTABLE BAND SAW BLADE LUBRICANT
Greatly eases cutting applications while extending blade life.
1.5 oz. tube.
NO. 49-08-4205

STEEL CARRYING CASE
When purchased separately for Models 6225 and 6227
NO. 48-55-1090

For Model 6230
NO. 48-55-1155

TYPE "G" GREASE
1 lb. can
NO. 49-08-4140

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY DEEP CUT PORTABLE ELECTRIC BAND SAW

LARGE 4-3/4" × 4-3/4" CAPACITY
USES STANDARD 44-7/8" BI-METAL BLADES

FAST ***0-350 sfpm VARIABLE SPEED TO MATCH CUTTING SPEEDS TO MATERIAL***

6230 LESS CASE **6232** WITH CASE

TRIGGER SPEED CONTROL

0 TO 350 SURFACE FT./MIN.

- ***FRONT T-HANDLE FOR BETTER CONTROL***
- ***EXCELLENT BALANCE***
  Center of gravity is located over blade when cutting, resulting in straighter, more accurate cuts.
- ***PRECISION BLADE CONTROL***
- ***BALL BEARING BLADE GUIDE***

- ***NO OIL REQUIRED***
  GREASE LUBRICATED LOW SPEED WORM GEAR MECHANISM

DEEP CUT

BAND SAW FOR ANY CONSTRUCTION SITE. CUTS A WIDE RANGE OF MATERIALS WITH *FAST LONG LASTING SUPER-TOUGH* ™ *BI-METAL BLADES.*

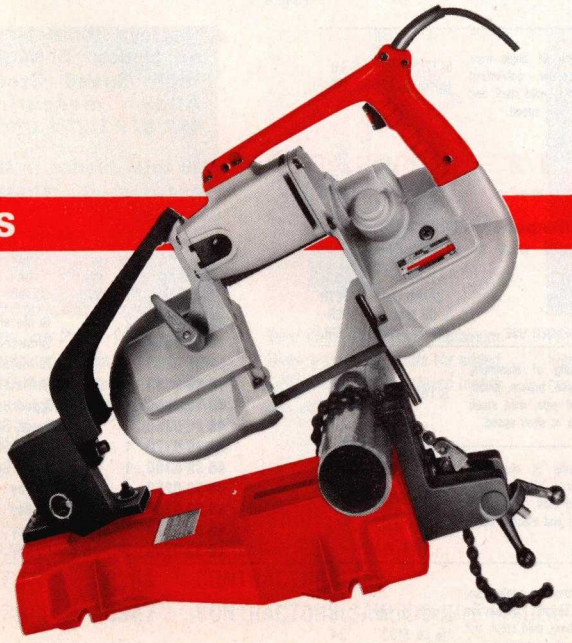
MILWAUKEE ELECTRONICS HEAVY-DUTY TRIAC SPEED CONTROL SWITCH

Depress the trigger for variable speed control from 0 to 350 feet per minute. The further the trigger is depressed, the greater the speed between 0 and 350 feet per minute. Adjust the knurled knob located in the trigger for fixed speeds.

SPECIFICATIONS

CATALOG NUMBER	NO LOAD SURFACE FT. PER MIN.	VOLTS AC ONLY	AMPS	CAPACITY ROUND STOCK	CAPACITY RECTANGULAR STOCK	LENGTH INCHES	NET WEIGHT LBS.	SHP. WEIGHT LBS.
6230 Less Case	0-350	120	6	4-3/4"	4-3/4" × 4-3/4"	19-3/4	17	20-1/2
6232	Same as 6230, but with Steel Carrying Case						17	31

STANDARD EQUIPMENT: Includes one No. 48-39-0510 quality 14 tooth Super-Tough™ Bi-Metal blade.



SAWS

PORTABLE BAND SAW TABLE

NO. 48-08-0260

CONVERTS MILWAUKEE'S PORTABLE BAND SAWS TO STATIONARY UNITS. CAN BE MOUNTED ON A WORKBENCH OR USED ON THE JOB WITH 3/4" DIAMETER PIPE FOR LEGS. HEAVY-DUTY CLAMPING CHAIN AND CRANK NUT EASILY SECURES ALL SHAPES OF MATERIAL. NET WEIGHT 34 LBS.

PIPE LEGS ARE NOT SUPPLIED WITH UNIT.

SEE PAGE 62 FOR COMPLETE SELECTION OF BAND SAW BLADES

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY BAND SAW BLADES

6 TEETH/INCH	8 TEETH/INCH	10 TEETH/INCH	10/14 TEETH/INCH	14 TEETH/INCH	18 TEETH/INCH	24 TEETH/INCH
FOR CUTTING STOCK 1" and up*	FOR CUTTING STOCK 1/2" to 1"*	FOR CUTTING STOCK 5/16" to 1/2"*	FOR CUTTING STOCK 3/16" to 1/2"*	FOR CUTTING STOCK 3/16" to 5/16"*	FOR CUTTING STOCK 5/32" to 3/16"*	FOR CUTTING STOCK up to 5/32"*

*Refer to RECOMMENDED USE for type of blade.

BLADES FOR USE WITH MILWAUKEE BAND SAWS 44-7/8" × 1/2" × .020

BI-METAL

MILWAUKEE SUPER-TOUGH™ Bi-Metal Blades outlast conventional blades up to 3 times, requiring fewer blade changes. Extremely hard and uniform tooth point is electron beam welded to a tough durable backing with high flex life for faster cutting, longer blade life.

CATALOG NUMBER	QTY. PER PKG.	RECOMMENDED USE	DIAMETER OR WALL THICKNESS	TEETH PER INCH
48-39-0500	1	High speed cutting of aluminum, angle iron, bronze, brass, copper, galvanized pipe, mild steel; and tougher steels including stainless, chrome, tungsten steels plus other problem material at slow speed.	5/16" & up	10
48-39-0502	100		5/16" & up	10
48-39-0510	1		3/16"-5/16"	14
48-39-0512	100		3/16"-5/16"	14
48-39-0520	1		5/32"-3/16"	18
48-39-0522	100		5/32"-3/16"	18
48-39-0530	1		Up to 5/32"	24
48-39-0532	100		Up to 5/32"	24

NEW **BI-METAL COMBO BLADES multiple tooth design with varying set angles and gullet depths break up the harmonic vibrations generated in cutting, resulting in smoother, quieter cutting with longer blade life.**

48-39-0550	1	Designed for interrupted cutting applications (tubing, structurals, etc.) Also production cutting of solids in a variety of sizes or shapes.	3/16" to 1/2"	10/14
48-39-0552	100		3/16" to 1/2"	10/14

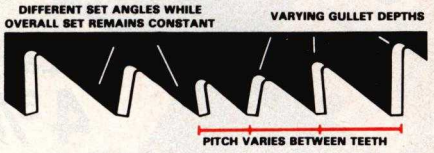
HIGH SPEED STEEL

High Speed Steel blades will outlast carbon steel and alloy steel blades for cutting most materials. Ideal for cutting carbon steel, drill rod and other solid and large diameter hard materials.

CATALOG NUMBER	QTY. PER PKG.	RECOMMENDED USE	DIAMETER OR WALL THICKNESS	TEETH PER INCH
48-39-0350	1	High speed cutting of aluminum, angle iron, bronze, brass, copper, galvanized pipe,mild steel; and tougher steels including stainless, chrome, tungsten steels plus other problem material at slow speed.	5/16" & up	10
48-39-0352	100		5/16" & up	10
48-39-0360	1		3/16"-5/16"	14
48-39-0362	100		3/16"-5/16"	14
48-39-0370	1		5/32"-3/16"	18
48-39-0372	100		5/32"-3/16"	18
48-39-0380	1		Up to 5/32"	24
48-39-0382	100		Up to 5/32"	24

BULK PACKAGING (100 BLADES) AVAILABLE FOR 44-7/8" LENGTH BLADES IN BI-METAL, HI-SPEED STEEL, ALLOY STEEL. SEE CHARTS.

BI-METAL COMBO TEETH



ALLOY STEEL

Alloy Steel Blades give greater blade life and sustain higher shock than carbon steel blades and cut a wider range of materials including tough alloys and structural steel.

CATALOG NUMBER	QTY. PER PKG.	RECOMMENDED USE	DIAMETER OR WALL THICKNESS	TEETH PER INCH
48-39-0250	1	High speed cutting of aluminum, angle iron, cast iron, bronze, brass, copper, galvanized pipe, mild steel; and tougher steels including chrome and tungsten steels at slow speed.	5/16" & up	10
48-39-0252	100		5/16" & up	10
48-39-0260	1	High speed cutting of aluminum, angle iron, cast iron, bronze, brass, copper, galvanized pipe, mild steel; and tougher steels including chrome, tungsten steels and electric cable at slow speed.	3/16"-5/16"	14
48-39-0262	100		3/16"-5/16"	14
48-39-0270	1	High speed cutting of angle iron, bronze, brass, copper, galvanized pipe, thin wall tubing, mild steel; and tougher steels including chrome and tungsten steels at slow speed.	5/32"-3/16"	18
48-39-0272	100		5/32"-3/16"	18
48-39-0280	1	High speed cutting of angle iron, bronze, brass, copper, galvanized pipe, thin wall tubing, mild steel; and tougher steels at slow speed.	Up to 5/32"	24
48-39-0282	100		Up to 5/32"	24

CARBON STEEL

Carbon Steel Blades an inexpensive utility blade for intermittent use that will cut a wide range of material.

CATALOG NUMBER	QTY. PER PKG.	RECOMMENDED USE	DIAMETER OR WALL THICKNESS	TEETH PER INCH
48-39-0050	3	High speed cutting of aluminum, brass, copper soft bronze, magnesium, wood, mild steel; and tougher steels at slow speeds.	1" & up	6
48-39-0060	3	High speed cutting of aluminum, brass, copper, magnesium, mild steel; and tougher steels at slow speed.	1/2"-1"	8
48-39-0070	3	High speed cutting of aluminum, angle iron, cast iron, bronze, brass, copper, galvanized pipe, mild steel; and tougher steels at slow speed.	5/16"-1/2"	10
48-39-0080	3	High speed cutting of aluminum, angle iron, cast iron, bronze, brass, copper, galvanized pipe, mild steel; and tougher steels and electric cable at slow speed.	3/16"-5/16"	14
48-39-0090	3	High speed cutting of angle iron, bronze, brass, copper, galvanized pipe, thin wall tubing, mild steel; and tougher steels at slow speed.	5/32"-3/16"	18
48-39-0100	3		Up to 5/32"	24

BLADES FOR USE WITH BAND SAWS USING 53-3/4" × 1/2" × .020 BLADES

HIGH SPEED STEEL

High Speed Steel blades will outlast carbon steel and alloy steel blades for cutting most materials. Ideal for cutting carbon steel, drill rod and other solid and large diameter hard materials.

CATALOG NUMBER	QTY. PER PKG.	RECOMMENDED USE	DIAMETER OR WALL THICKNESS	TEETH PER INCH
48-39-0450	1	High speed cutting of aluminum, angle iron, bronze, brass, copper, galvanized pipe, mild steel; and tougher steels including stainless, chrome, tungsten steels plus other problem material at slow speed.	5/16" & up	10
48-39-0460	1		3/16"-5/16"	14
48-39-0470	1		5/32"-3/16"	18
48-39-0480	1		Up to 5/32"	24

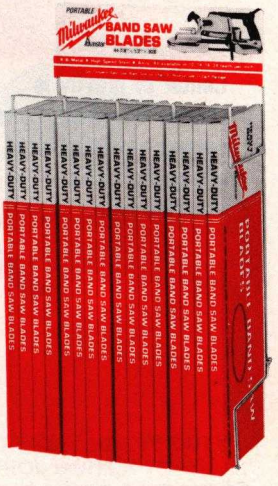
CARBON STEEL

Carbon Steel Blades an inexpensive utility blade for intermittent use that will cut a wide range of material.

CATALOG NUMBER	QTY. PER PKG.	RECOMMENDED USE	DIAMETER OR WALL THICKNESS	TEETH PER INCH
48-39-0150	3	High speed cutting of aluminum, angle iron, cast iron, bronze, brass, copper, galvanized pipe, mild steel; and tougher steels at slow speed.	5/16"-1/2"	10
48-39-0160	3	High speed cutting of aluminum, angle iron, cast iron, bronze, brass, copper, galvanized pipe, mild steel; and tougher steels and electric cable at slow speed.	3/16"-5/16"	14
48-39-0170	3	High speed cutting of angle iron, bronze, brass, copper, galvanized pipe, thin wall tubing, mild steel; and tougher steels at slow speed.	5/32"-3/16"	18
48-39-0180	3		Up to 5/32"	24

NOTE
BULK PACKAGING (100 BLADES) AVAILABLE FOR 44-7/8" LENGTH BLADES IN BI-METAL, HIGH SPEED STEEL, AND ALLOY STEEL. SEE LISTINGS IN CHARTS.

BAND SAW BLADE MERCHANDISER NO. 49-22-0076



STACKABLE DISPLAYS!

- **With movable header—blade boxes may be displayed in the rack vertically, horizontally or stacked side by side for a series of displays.**
- **Displays three types of blades, Bi-Metal, High Speed Steel, Alloy measuring 44-7/8" × 1/2" × .020.**
- **16 total blades in the assortment shown below.**

CATALOG NUMBER	QTY. PER PKG.	TEETH PER INCH	TYPE OF BLADE
48-39-0500	2	10	Bi-Metal
48-39-0510	2	14	Bi-Metal
48-39-0520	2	18	Bi-Metal
48-39-0530	2	24	Bi-Metal
48-39-0350	1	10	Hi-Speed Steel
48-39-0360	1	14	Hi-Speed Steel
48-39-0370	1	18	Hi-Speed Steel
48-39-0380	1	24	Hi-Speed Steel
48-39-0250	1	10	Alloy
48-39-0260	1	14	Alloy
48-39-0270	1	18	Alloy
48-39-0280	1	24	Alloy

HEAVY-DUTY CIRCULAR SAWS

7-1/4" 13 AMP MOTOR

SEE PAGE 66 FOR PREMIUM QUALITY CARBIDE TIPPED BLADES

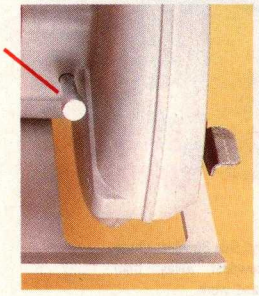
NEW

• All Ball and Roller Bearings • Serviceable...External Brushes • Heavy-Duty Construction Throughout...Strong—Non-Conductive Glass Reinforced Nylon Housing and Handle • Quick Return, Heavy-Duty, Safety Telescoping Guard.

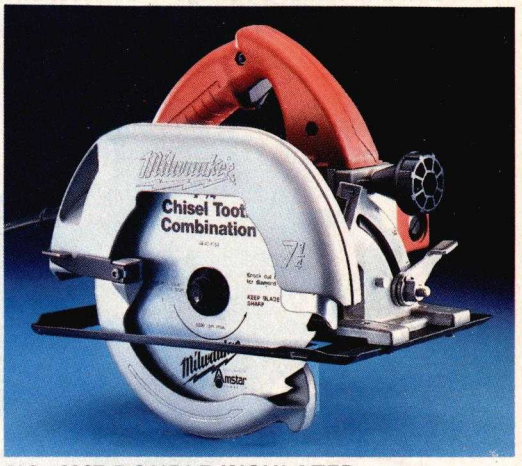
NEW **6365**

NEW **6367** DOUBLE INSULATED

NEW ***SPINDLE LOCK FOR FAST, EASY BLADE REMOVAL***



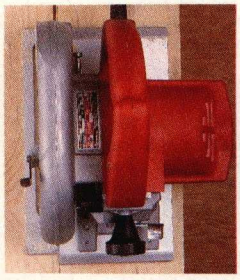
NO. 6365 ALUMINUM SHOE



NO. 6367 DOUBLE INSULATED STEEL SHOE

NEW BALANCE FOR USER COMFORT

- ***LIGHTWEIGHT** 11-1/2 lbs.*
- ***AIRFLOW** directs sawdust away from line of cut*
- ***LOWER GUARD** contour lip designed for smoother retraction of lower guard when cutting angles*
- ***9' CORD** length to prevent plug from catching on 8' paneling*

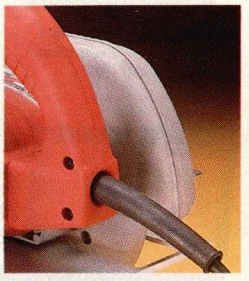


Clear Line Sighting...operator sees exactly where blade will cut.

New Angular Adjusting Lever for secure locking-in on cuts of 90° through 45° angles. Factory Adjusted Stops at 90° and 45° angles.

One knob adjustment for height and one lever adjustment for angle.

Quick return, heavy-duty, safety telescoping guard for smooth easy action. New wide lip on guard minimizes wear of rubber bumper.



Central location of Separate Strain Relief and Cord minimizes wear and kinking.

New Low Profile Trigger Design. Contoured handle for user comfort. Handle designed for maximum control when sawing or carrying.

New Heavy-Duty Rigid Aluminum Shoe with angled ends for added stiffness. Double insulated model has steel shoe.

Rip Guide is easily attached and held firmly. Available as an accessory.

STEEL CARRYING CASE NO. 48-55-1150

RIP FENCE KIT
NO. 49-22-4150
Includes Two Wing Screws No. 06-88-0110

NO. 49-96-6200
9/16" Utility Wrench

NO. 49-06-4200
1 Lb. Can "O" Grease

SPECIFICATIONS

BLADE SIZE	CATALOG NUMBER	SAW TYPE	VOLTS AC-DC	AMPS	NO LOAD SPEED (RPM)	ARBOR	DEPTH OF CUT AT 90°	MAX. DEPTH OF CUT AT 45°	NET WEIGHT LBS.	SHP. WEIGHT LBS.
7-1/4"	**6365**	CONTRACTORS SAW	120	13.0	5800	5/8"	2-3/8"	1-25/32"	11-1/2	16-1/2
7-1/4"	**6367**	CONTRACTORS SAW (DOUBLE INSULATED)	120	13.0	5800	5/8"	2-3/8"	1-25/32"	12	17

STANDARD EQUIPMENT: Includes Combination Saw Blade and 9/16" Wrench.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY CIRCULAR SAWS

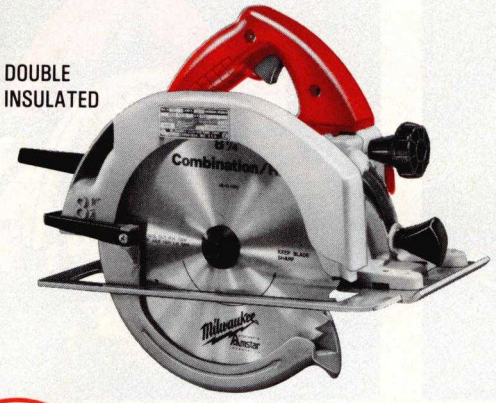
8-1/4" — 13 AMP MOTOR

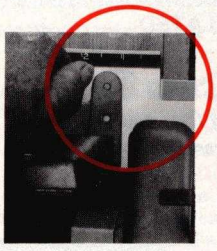
10-1/4" — 15 AMP MOTOR

SEE PAGE 66 FOR PREMIUM QUALITY CARBIDE TIPPED BLADES

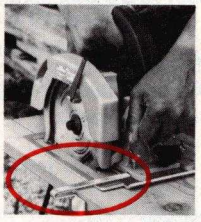
- All Ball and Roller Bearings
- Serviceable...External Brushes
- Heavy-Duty Construction Throughout...Strong—Non-Conductive Glass Reinforced Nylon Housing and Handle
- Quick Return, Heavy-Duty, Safety Telescoping Guard.

6405
6407 DOUBLE INSULATED

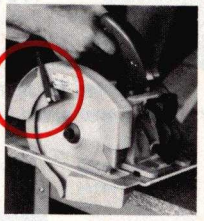




Clear Line Sighting... operator sees exactly where blade will cut.

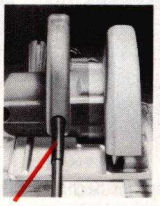


Rip Guide easily attached and held firmly. Available as an accessory.



Rear and side sawdust chute ejects sawdust away from operator and work.

STEEL CARRYING CASE NO. 48-55-1150
For 7-1/4" and 8-1/4" Saws



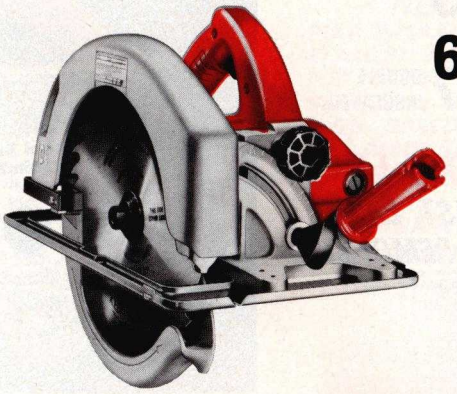
- Central location of Strain Reliever and Electrical Cord minimizes wear and kinking.

RIP FENCE KIT
NO. 49-22-4100
For 7-1/4" and 8-1/4" Saws
Includes Two Wing Screws No. 06-88-0110

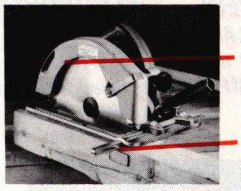
NO. 49-96-6200
9/16" Utility Wrench

NO. 49-08-4121
1 Lb. Can "E" Grease

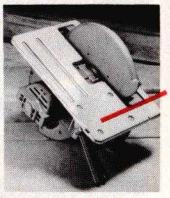
6460



POWERFUL 10-1/4" SAW WILL CUT, RIP 4 × 4 LUMBER



- Rear and Side Sawdust Chute ejects sawdust away from operator and work.
- Easily adjustable Rip Guide attached and held firmly. Furnished as standard equipment.



- Rigid Steel Wrap-Around Shoe for maximum strength and accuracy.

NO. 6460
SAW FURNISHED WITH STEEL CARRYING CASE, COMBINATION RIP SAW BLADE, 9/16" UTILITY WRENCH, AUXILIARY HANDLE AND RIP FENCE.

RIP FENCE KIT
NO. 49-02-0080
For 10-1/4" Saw
Includes Two Wing Screws No. 06-88-0110

STEEL CARRYING CASE
NO. 48-55-1170 For 10-1/4" Saw

NO. 49-08-4121
1 Lb. Can "E" Grease

SPECIFICATIONS

BLADE SIZE	CATALOG NUMBER	SAW TYPE	VOLTS AC-DC	AMPS	NO LOAD SPEED (RPM)	ARBOR	DEPTH OF CUT AT 90°	MAX. DEPTH OF CUT AT 45°	NET WEIGHT LBS.	SHP. WEIGHT LBS.
8-1/4"	**6405**	CONTRACTORS SAW	120	13.0	5800	5/8"	2-15/16"	2-1/8"	13	18
8-1/4"	**6407**	CONTRACTORS SAW (DOUBLE INSULATED)	120	13.0	5800	5/8"	2-15/16"	2-1/8"	13	18

STANDARD EQUIPMENT: Includes Combination Saw Blade and 9/16" Wrench.

BLADE SIZE	CATALOG NUMBER	SAW TYPE	VOLTS AC-DC	AMPS	NO LOAD SPEED (RPM)	ARBOR	DEPTH OF CUT AT 90°	DEPTH OF CUT AT 45°	NET WEIGHT	SHP. WEIGHT
10-1/4"	**6460**	CONTRACTORS SAW	120	15.0	5200	3/4"	15/16" to 3-15/16"	5/8" to 2-7/8"	19-1/2 lbs.	38 lbs.

STANDARD EQUIPMENT: Includes Steel Carrying Case, 9/16" Utility Wrench, Rip Fence, Combination Rip Saw Blade, Auxiliary Handle.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY WORM DRIVE SAWS

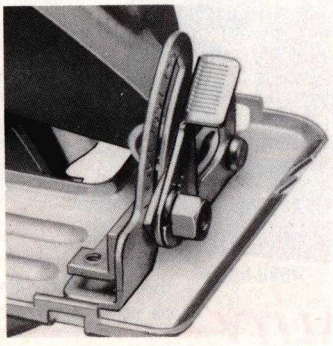
15 AMP MOTOR
POWERFUL HEAVY-DUTY MOTOR
SPECIFICALLY DESIGNED FOR TOUGHEST APPLICATIONS

6377
7-1/4" BLADE SIZE

6378
8-1/4" BLADE SIZE

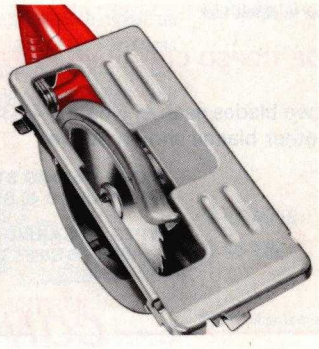
- Up to 1" lumber can be used for an edge guide on either side of shoe when ripping large panels
- All ball and roller bearings

Fast positive miter adjustments



Brush holders with positive brush stop — prevents possible damage of commutator

Rigid steel wrap around shoe for maximum strength and accuracy



STEEL CARRYING CASE
NO. 48-55-1101

RIP FENCE KIT
NO. 49-22-4110
Includes Screw No. 06-81-1800 and Spring No. 40-50-1300.

OIL FOR WORM DRIVE SAW
NO. 49-32-0050 1/2 Pt. Oil
NO. 49-32-0060 1 Pt. Oil
NO. 49-32-0070 1/2 Gal. Oil

MISCELLANEOUS
NO. 49-96-6200 9/16" Wrench

SEE PAGES 66 and 67 FOR CIRCULAR SAW BLADES

SPECIFICATIONS

BLADE SIZE	CATALOG NUMBER	SAW TYPE	VOLTS AC-DC	AMPS	NO LOAD SPEED (RPM)	ARBOR	DEPTH OF CUT AT 90°	MAX. DEPTH OF CUT AT 45°	NET WEIGHT	SHP. WEIGHT
7-1/4"	**6377**	WORM DRIVE SAW	120	15	4400	DIAMOND	0 to 2-3/8"	0 to 1-7/8"	17 lbs.	23 lbs.
8-1/4"	**6378**	WORM DRIVE SAW	120	15	4400	DIAMOND	0 to 2-5/8"	0 to 2-1/4"	17-1/4 lbs.	23-1/4 lbs.

STANDARD EQUIPMENT: Includes Combination Blade and 9/16" Wrench.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY CIRCULAR SAW BLADES CARBIDE TIPPED

Extremely hard tungsten carbide cutting tips are diamond ground to a high degree of sharpness.

CARBIDE TIPPED BLADES STAY SHARP *10 TIMES LONGER* THAN THE BEST STEEL BLADES IN COMPARABLE CUTTING APPLICATIONS!

4 BASIC BLADE TYPES:

Rip & Crosscut *
A multi-purpose blade for ripping, cross-cutting and mitering in hard and soft woods, plywood and composition materials. * Available only in Premium line.

Framing—Rip
Designed for fast and accurate ripping along the grain in hard or soft woods where a smooth cross cut is not necessary.

Plywood—Veneer *
Recommended for cutting plywood, composition materials and all types of wood where a slightly smoother finish is needed. * Available only in Contractors line.

Finish & Trim
Especially designed for cross-cutting and mitering in materials where a very smooth cut is necessary, also cuts aluminum and other non-ferrous metals.

PREMIUM QUALITY

MILWAUKEE'S HIGHEST QUALITY BLADE FOR THE PROFESSIONAL USER. PREMIUM QUALITY STEEL AND CARBIDE, PRECISION GROUND AND TEMPERED.

CATALOG NUMBER	BLADE DIA. INCHES	DESCRIPTION	NUMBER OF TEETH	ARBOR HOLE INCHES
48-40-3900	6-1/2	Rip & Crosscut	20	5/8◆
48-40-3905	6-1/2	Finish & Trim	40	5/8◆
48-40-3910	7-1/4	Framing—Rip	12	5/8◆
48-40-3915	7-1/4	Rip & Crosscut	20	5/8◆
48-40-3920	7-1/4	Finish & Trim	40	5/8◆
48-40-3925	8-1/4	Rip & Crosscut	24	5/8◆
48-40-3930	8-1/4	Finish & Trim	40	5/8◆

CATALOG NUMBER	BLADE DIA. INCHES	DESCRIPTION	NUMBER OF TEETH	ARBOR HOLE INCHES
48-40-3935	9"	Finish & Trim	40	5/8
48-40-3940	10"	Finish & Trim	40	5/8
48-40-3945	10"	Finish & Trim	60	5/8
48-40-3950	10-1/4"	Rip & Crosscut	28	5/8-3/4

◆ 5/8" arbor hole with knockout for diamond arbor.

NEW

CARBIDE TIPPED CIRCULAR SAW BLADE CENTER
NO. 49-22-1220

Display contains two blades each of Nos. 48-40-3915 and 48-40-3920 and one each of other blades shown above.

- **SPACE SAVING STEP OUT DISPLAY** HOLDS UP TO 48 BLADES.
- **3 TYPES OF CARBIDE TIPPED BLADES** OFFERED IN 6 SIZES IN REUSABLE BLADE PACKAGING.

- **COMPACT UNIT FOR WALL OR COUNTER-TOP** — MEASURES ONLY 20-1/2" WIDE × 17-1/2" HIGH × 8-1/2" DEEP.

NEW

CONTRACTORS QUALITY

A HIGH QUALITY, OUTSTANDING VALUE BLADE FOR HEAVY-DUTY, VOLUME CUTTING

Carbide Tipped for long lasting and fast cutting. Carbide teeth electronically fused to blade for a strong bond. Available in 16, 20, 24, 30 and 40 teeth to cut a variety of materials: Transite, Masonite, Formica, siding and roofing.

CATALOG NUMBER	BLADE DIA. INCHES	DESCRIPTION	NUMBER OF TEETH	ARBOR HOLE INCHES
48-40-4000	7-1/4	Framing—Rip	16	5/8◆
48-40-4010	7-1/4	Plywood—Veneer	30	5/8◆
48-40-4020	8-1/4	Framing—Rip	20	5/8◆
48-40-4030	10	Framing—Rip	24	5/8 Hole
48-40-4040	10	Finish & Trim	40	5/8 Hole

◆ 5/8" arbor hole with knockout for diamond arbor.

STANDARD QUALITY

DISPOSABLE, CARBIDE TIPPED BLADES

SAW BLADE	CATALOG NUMBER	NUMBER OF TEETH	BLADE DIA. INCHES	ARBOR HOLE INCHES
CARBIDE TIPPED	48-40-3725	24	7-1/4	5/8◆
	48-40-3825	24	8-1/4	5/8◆

◆5/8" arbor hole with knockout for diamond arbor.

HEAVY-DUTY CIRCULAR SAW BLADES
HIGH SPEED STEEL

CHISEL TOOTH COMBINATION

Free-cutting general purpose blade for cutting in any direction. Rips, crosscuts, miters on both hard and soft woods.

■ See MILW. DISTRIBUTOR for Prices on Bulk Packaged Combination Blades

CATALOG NUMBER	NUMBER OF TEETH	BLADE DIA. INCHES	ARBOR HOLE INCHES
48-40-1653■	24	6-1/2	5/8◆
48-40-1722■	26	7	5/8
48-40-1752■	26	7-1/4	5/8◆
48-40-1755■	26	7-1/4	Diamond
48-40-1760	26	7-1/2	5/8◆
48-40-1812	28	8	5/8◆
48-40-1822	30	8-1/4	5/8
48-40-1823■	30	8-1/4	Diamond

MASTER COMBINATION

An all-purpose blade for smooth, fast cutting. Cuts crosscut, rip, miters for general use.

48-40-1650	48	6-1/2	5/8◆
48-40-1700	48	7	5/8
48-40-1725	60	7-1/4	5/8◆
48-40-1800	48	8	5/8◆

COMBINATION/RIP

Most popular all-purpose blade—smooth, fast cutting in frame work, etc. —cut-off, ripping, mitering.

■ See MILW. DISTRIBUTOR for Prices on Bulk Packaged Combination Blades

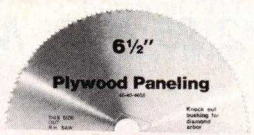
48-40-1655■	36	6-1/2	5/8◆
48-40-1710	44	7	5/8
48-40-1740■	40	7-1/4	5/8◆
48-40-1763	44	7-1/2	5/8◆
48-40-1820	44	8	5/8◆
48-40-1825	44	8-1/4	5/8
48-40-1835	36	10-1/4	3/4

CROSSCUT/FLOORING

Cuts hardwoods, flooring and crating fast. Close-set teeth produce smooth-finish and hold edge longer when encountering nails.

48-40-5655	100	6-1/2	5/8◆
48-40-5725	100	7	5/8
48-40-5755	100	7-1/4	5/8◆
48-40-5805	100	8	5/8◆

◆5/8" arbor hole with knockout for diamond arbor.



PLYWOOD/PANELING

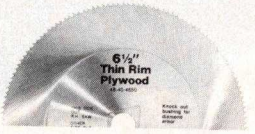
For plywood, wallboard, Masonite, light gauge non-ferrous metals, thin plastics. Fine teeth prevent tearing; holds sawdust to minimum.

CATALOG NUMBER	NUMBER OF TEETH	BLADE DIA. INCHES	ARBOR HOLE INCHES
48-40-4655	150	6-1/2	5/8◆
48-40-4658	200	7	5/8
48-40-4720	200	7-1/4	5/8◆
48-40-4800	200	8	5/8◆

PLANERS—HOLLOW GROUND

Makes satin-smooth finish cuts on all solid woods. Crosscuts, rips, miters—a professional quality blade for use in cabinet work, furniture, etc.

48-40-7656	48	6-1/2	5/8◆
48-40-7661	48	7	5/8
48-40-7725	60	7-1/4	5/8◆
48-40-7800	48	8	5/8◆



THIN RIM PLYWOOD/PANELING

Finest blade for stain-smooth finish on plywood, veneers, laminates, Plexiglass and other thin materials. Use for crosscutting and mitering on cabinet and finish work.

48-40-4650	150	6-1/2	5/8◆
48-40-4700	200	7	5/8
48-40-4725	200	7-1/4	5/8◆
48-40-4810	200	8	5/8◆

METAL CUTTING

Hollow ground for cutting metals such as aluminum, magnesium, copper and brass.

48-40-6658	80	6-1/2	5/8◆
48-40-6661	70	7	5/8

◆5/8" arbor hole with knockout for diamond arbor.

HEAVY-DUTY ABRASIVE CUTTING WHEELS

FOR STONE OR CONCRETE

Safety reinforced nylon...bonded of uniform grit and break resistant.

CATALOG NUMBER	WHEEL DIA. INCHES	ARBOR HOLE INCHES
49-92-3220	6	5/8
49-92-4310	7	5/8
49-92-4370	7-1/4	Diamond
49-92-5000	8	5/8
49-92-5005	8	Diamond
49-92-5410	10	3/4

FOR METAL

Safety reinforced nylon...bonded of uniform grit and break resistant.

CATALOG NUMBER	WHEEL DIA. INCHES	ARBOR HOLE INCHES
49-92-3020	6	5/8
49-92-4300	7	5/8
49-92-4380	7-1/4	Diamond
49-92-5010	8	5/8
49-92-5015	8	Diamond
49-92-5400	10	3/4

HEAVY-DUTY ELECTRIC CHAIN SAW

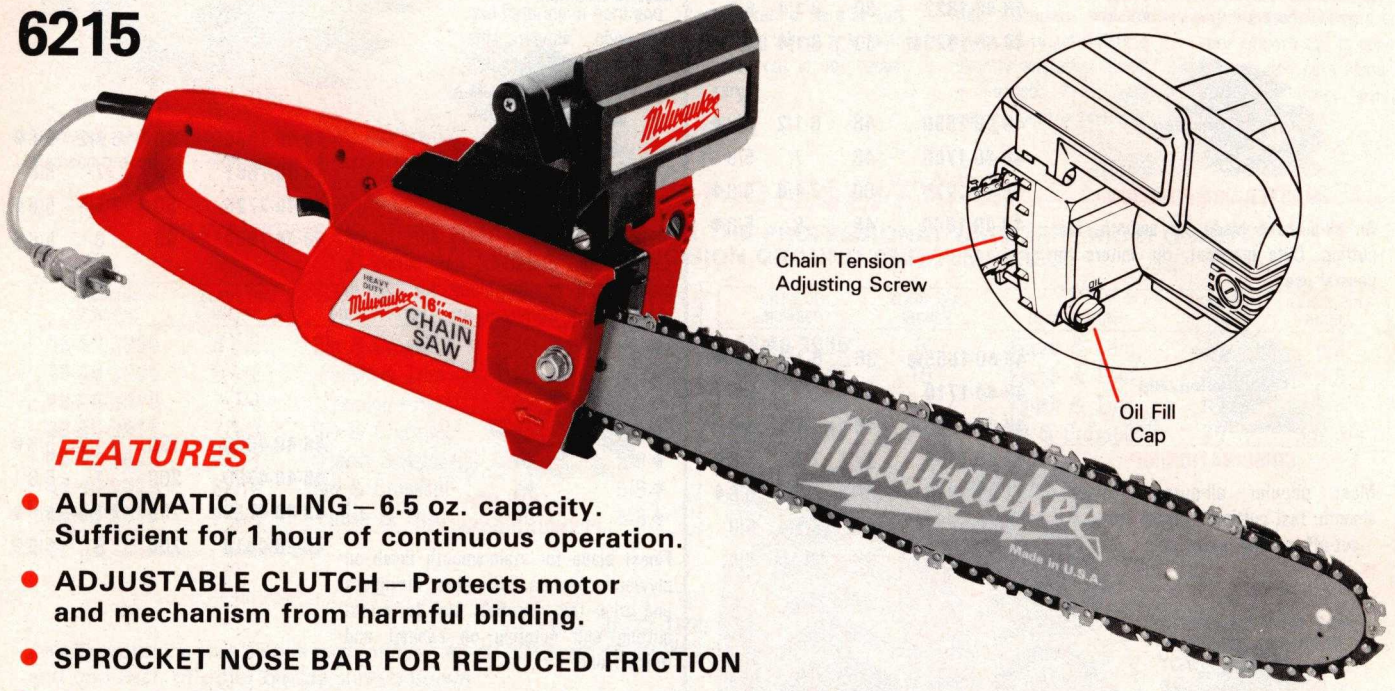
16" BAR • 1850 FEET PER MINUTE CHAIN TRAVEL

POWERFUL 2.25 H.P. MOTOR—DOUBLE INSULATED

- **LIGHTWEIGHT**
- **QUIET, SMOOTH RUNNING MOTOR**
- **INSTANT STARTING EVEN IN FREEZING TEMPERATURES**
- **NO FLAMMABLE FUEL REQUIRED—NO ENGINE EXHAUST**

NEW

6215



FEATURES

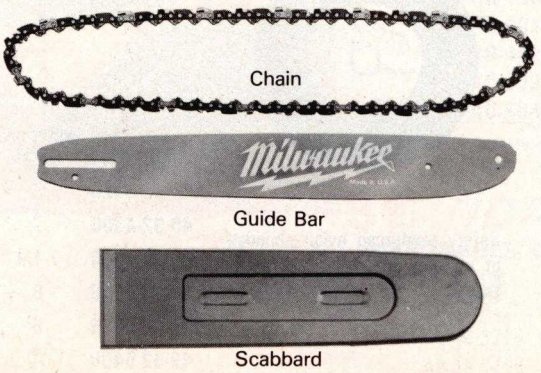
- **AUTOMATIC OILING—6.5 oz. capacity. Sufficient for 1 hour of continuous operation.**
- **ADJUSTABLE CLUTCH—Protects motor and mechanism from harmful binding.**
- **SPROCKET NOSE BAR FOR REDUCED FRICTION**
- **HANDGUARD ACTUATED BRAKE WITH RESETABLE LOCKOUT SWITCH**
- **LOW KICKBACK BAR AND CHAIN COMBINATION**
- **CONVENIENT BRUSH REPLACEMENT**
- **EASY CHAIN ADJUSTMENT—Simply loosen one nut and adjust.**

SPECIFICATIONS

CATALOG NUMBER	BAR SIZE	VOLTS	AMPS	CHAIN SPEED	OIL TANK CAPACITY	NET WEIGHT	SHIPPING WEIGHT
6215	16" (406mm)	120 AC Only	13	1850 fpm (549 mpm)	6-1/2 oz. (190 ml)	11-1/4 lbs.	14 lbs.

STANDARD EQUIPMENT: Chain Saw, 16" (406mm) Sprocket Tip Bar, 3/8" (9.5mm) Pitch Chain, 13mm Wrench, Screwdriver and Scabbard.

ACCESSORIES



NO. 48-58-0030	3/8" (9.5mm) Pitch Chain
NO. 48-09-5050	16" (406mm) Guide Bar
NO. 49-96-7630	13mm Open End Wrench
NO. 49-62-0150	Scabbard
NO. 49-22-3020	Chain Repair Kit
NO. 49-80-2000	Screwdriver

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY JIG SAWS

FAST CUTTING 1" BLADE STROKE

- DOUBLE INSULATED
- POWERFUL MILWAUKEE-BUILT MOTORS

BALL AND ROLLER BEARING CONSTRUCTION

Speed plus a full 1" blade stroke is the best combination for fast efficient cutting. Use MILWAUKEE SUPER-TOUGH™ Bi-Metal blades for even faster, straighter cutting.

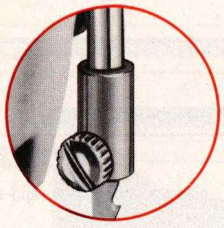
6255

VARIABLE SPEED

TRIGGER SPEED CONTROL
0-3100 STROKES PER MIN.

TRIGGER SPEED CONTROL
Simply depress trigger for various speeds from 0 to 3100 strokes per min. For selecting a preset speed between 0 and 3100 adjust knurled button in trigger switch and depress trigger. Lock button provided.

BLADE ROLLER GUIDE
Added saw blade support for more positive cutting action, greater control and less blade breakage.



***EXCLUSIVE* BLADE CLAMP**

Simple fast blade changes... secure holding. Screwdriver eliminates need for hex wrench.

CLEAR LINE OF SIGHT
Motor fan clears dust for maximum visibility.

COUNTER BALANCED for smoother operation.

TOP HANDLE CONTOURED FOR COMFORT AND ACCURATE CONTROL

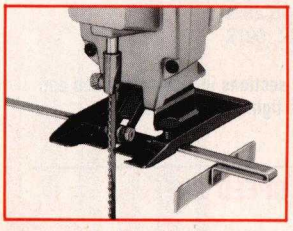
SHOE-TILT ADJUSTMENT
Jig Saw 6255 can be tilted up to 45° in either direction for angle cutting.
One screw holds shoe securely.

FUNCTIONAL PADDLE SWITCH engineered for comfortable right or left one hand control. Positive on/off action. Natural convenient position for operator control. Non-conductive switch cover for greater operator safety.

6245

SINGLE SPEED

3100 STROKES PER MIN.



RIP FENCE FOR ACCURATE STRAIGHT OR CIRCLE CUTS
Optional. Order Accessory
NO. 49-22-4090

STEEL CARRYING CASE
NO. 48-55-1076

SPECIFICATIONS

CATALOG NUMBER	SPEED TYPE	VOLTS AC ONLY	AMPS	STROKES PER MIN.	LENGTH (INS.)	WIDTH (INS.)	HEIGHT (INS.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
6255	**VARIABLE**	120	3.8	0-3100	9-15/16	3-1/2	8-1/2	6	7
6245	**SINGLE**	120	3.8	3100	9-15/16	3-1/2	5-1/16	4-3/4	5-3/4

STANDARD EQUIPMENT: Includes Jig Saw blade assortment for wood and metal.

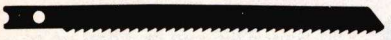
MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

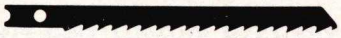
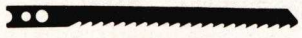
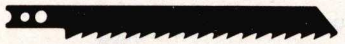
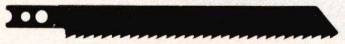
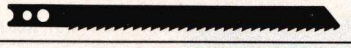
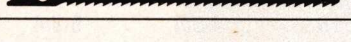
HEAVY-DUTY JIG SAW BLADES

1/4" UNIVERSAL TANG FITS MOST BRANDS OF JIG SAWS

SUPER-TOUGH™ BI-METAL BLADES

- ***CUT FASTER, CUT STRAIGHTER, LAST MANY TIMES LONGER THAN ORDINARY HIGH SPEED STEEL***
- ***BI-METAL CONSTRUCTION: Extra sharp high speed steel teeth welded to alloy back for longer life, fewer changes***

	CATALOG NUMBER	LENGTH INCHES	WIDTH INCHES	TEETH PER INCH	QTY. PER PKG.	TYPE OF CUT AND USAGE RECOMMENDATIONS
METAL CUTTING—WAVY SET TAPERED						
	48-42-2190	3-5/8	5/16	12	5	Irregular sections in pipe, angle iron, tubing, fiberglass and structural forms.
	48-42-2120	2-3/4	5/16	18	5	Metals 18 gauge to 10 gauge, thick conduit, channels, metal tubings and plastics.
	48-42-2160	2-3/4	5/16	21	5	Metals thickness from 18 gauge to 1/8", thinner tubing, slate and formica.
***EXTRA LENGTH BLADES* (4-1/8")**						
WOOD CUTTING—ALTERNATE SET—GENERAL PURPOSE						
	48-42-2300	4-1/8	5/16	6	5	Fast cutting in medium to heavy sections in wood, plywood, etc.
	**48-42-2310**	4-1/8	5/16	10	5	Finer cutting for medium to heavy sections in wood, plastic and composition materials.

	CATALOG NUMBER	LENGTH INCHES	WIDTH INCHES	TEETH PER INCH	QTY. PER PKG.	TYPE OF CUT AND USAGE RECOMMENDATIONS
METAL CUTTING—HIGH SPEED STEEL						
	48-42-0100♦	2-3/4	5/16	12	5	Steel to 1/8", non-ferrous metals to 1/4", plastics, fiberglass, rigid conduit, hard rubber and fiber.
	48-42-0101♦	2-3/4	5/16	12	5	Steel to 1/8", non-ferrous metals to 1/4", plastics, fiberglass, rigid conduit, hard rubber and fiber. 25% thicker for most severe applications.
	48-42-0120♦	2-3/4	5/16	18	5	Metals 18 gauge to 10 gauge, tubing and plastics.
	48-42-0140♦	2-3/4	5/16	21	5	Metals lighter than 18 gauge, thin wall tubing, slate and formica.
WOOD CUTTING—GENERAL PURPOSE DELUXE—ALTERNATE SET GROUND—HIGH SPEED STEEL						
	**48-42-0421**	3-5/8	5/16	6	5	Fast cutting in medium to heavy sections in wood, plywood, etc.
WOOD CUTTING—GENERAL PURPOSE—ALTERNATE SET—HIGH CARBON STEEL						
	48-42-0200♦	3-1/8	5/16	6	5	Forward angled for fast aggressive cutting in medium to heavy sections in wood, plywood, etc. Not recommended for Jig Saw Nos. 6245, 6255.
	**48-42-0220♦**	3-1/8	5/16	8	5	Forward angled for smoother aggressive cutting in medium to heavy sections in wood, plywood, etc. Not recommended for Jig Saw Nos. 6245, 6255.
	48-42-0240♦	3-1/8	1/4	8	5	Finer cutting in light to medium sections in wood, plywood, formica, plastic and composition materials. Use 1/4" width for tighter scroll work.
WOOD CUTTING—DELUXE TAPER GROUND—HIGH SPEED STEEL						
	**48-42-0521♦**	3-5/8	3/8	6	5	Fast and finer cutting for medium to heavy sections in wood, plywood and composition materials. Use 1/4" width for tighter scroll work.
	48-42-0500♦	3-5/8	5/16	6	5	
	48-42-0600	3-5/8	1/4	6	5	
WOOD CUTTING—EXTRA FINE DELUXE TAPER GROUND—HIGH SPEED STEEL						
	**48-42-0561♦**	3-5/8	3/8	10	5	Extra fine cutting in medium to heavy sections in wood, plastics, composition materials, etc. Especially recommended for plywood. Use 1/4" width for tighter scroll work.
	**48-42-0540♦**	3-5/8	5/16	10	5	
	**48-42-0620**	3-5/8	1/4	10	5	

♦See your MILWAUKEE DISTRIBUTOR for prices on bulk packed jig saw blades.

HEAVY-DUTY JIG SAW BLADES

1/4" UNIVERSAL TANG FITS MOST BRANDS OF JIG SAWS

EXTRA LENGTH BLADES (4-1/8")

CATALOG NUMBER	LENGTH INCHES	WIDTH INCHES	TEETH PER INCH	QTY. PER PKG.	TYPE OF CUT AND USAGE RECOMMENDATIONS
WOOD CUTTING—GENERAL PURPOSE—DELUXE ALTERNATE SET GROUND—HIGH CARBON STEEL					
48-42-0816	4-1/8	5/16	6	5	Fast cutting in medium to heavy sections in wood, plywood, etc.
WOOD CUTTING—DELUXE TAPER GROUND—HIGH CARBON STEEL					
48-42-0826	4-1/8	3/8	6	5	
48-42-0820	4-1/8	5/16	6	5	Fast, smooth cutting for medium to heavy sections in wood, plywood, and composition materials. Use 1/4" width for tighter scroll work.
48-42-0840	4-1/8	1/4	6	5	
WOOD CUTTING—EXTRA FINE DELUXE TAPER GROUND—HIGH CARBON STEEL					
48-42-0836	4-1/8	3/8	10	5	
48-42-0830	4-1/8	5/16	10	5	Extra fine cutting for medium to heavy sections in wood, plastics, composition materials, etc. Especially recommended for plywood. Use 1/4" width for tighter scroll work.
48-42-0845	4-1/8	1/4	10	5	
WOOD CUTTING—ALTERNATE SET SKIP TOOTH—ABRASIVE MATERIALS—HIGH SPEED STEEL					
48-42-0850	3-5/8	5/16	8	5	Skip tooth provides extra chip clearance for cutting in fiberglass, tough abrasive materials, non-ferrous metals, synthetics, and plaster board. Use 1/4" width for tighter scroll work.
48-42-0860	3-5/8	1/4	8	5	
WOOD CUTTING—DELUXE TAPER GROUND—HIGH CARBON STEEL					
48-42-0640♦	3-1/8	1/4	12	5	Reverse tooth for smooth finish on top surface. Saws plywood, formica, veneer, plastics, etc. Use 1/4" width for tighter scroll work.
WOOD CUTTING—SPECIAL FLUSH CUTTING—HIGH CARBON STEEL					
48-42-0300	3-5/8	STEP BLADE	8	4	General purpose for cutting heavier sections, saws up to a wall. Not recommended for Jig Saw No. 6245 or No. 6255.
WOOD CUTTING—DELUXE ALTERNATE SET—HIGH SPEED STEEL					
48-42-0400	3-1/8	5/16	6	5	Forward angled for fast aggressive cutting in medium to heavy sections in wood, plywood, etc. Not recommended for Jig Saw Nos. 6245, 6255.
WOOD CUTTING—DELUXE WAVY SET TAPER GROUND—HIGH CARBON STEEL					
48-42-0650	2-3/4	5/32	12	5	Special wavy set extra thin for tight smooth scroll work.
KNIFE CUTTING—HIGH CARBON STEEL					
48-42-0700	2-1/2	KNIFE	0	5	Cuts insulating material, leather, rubber, cardboard, sponge, felt, etc.
ABRASIVE MATERIALS—MEDIUM GRIT TUNGSTEN CARBIDE					
48-42-0801	2-7/8	3/8	0	5	Cuts plywood, hardwood veneer, fiberglass, (polyester, epoxies, melamines, etc.) ceramic tile, cast stone, slate, clay pipe, carbon, brick and chalkboard.

♦See your MILWAUKEE DISTRIBUTOR for prices on bulk packed jig saw blades.

SUPER-TOUGH™ BI-METAL JIG SAW BLADE VINYL PAC ASSORTMENT

NO. 49-22-1168

Sturdy vinyl "see-through" package for displaying and organizing blades. Consists of one each of SUPER-TOUGH™ BI-METAL blades Nos. 48-42-2120 (2160, 2190, 2300 and 2310). A total of 5 blades.

JIG SAW BLADE MERCHANDISER

NO. 49-22-1072

- **Compact countertop or pegboard hanging. 31 different types of blades and a Bi-Metal Blade Assortment Pac are packaged in reusable, "see-through" vinyl sleeves. 5 blades to a sleeve. 59 packages total.**
- **Display rack features an attractive header and copy channels with blade use descriptions and part numbers for easy reordering.**

NEW

CAT. NO.	QTY.	CAT. NO.	QTY.	CAT. NO.	QTY.	CAT. NO.	QTY.
48-42-0100	3	48-42-0421	2	48-42-0650	1	48-42-0850	1
48-42-0101	3	48-42-0500	2	48-42-0700	1	48-42-0860	1
48-42-0120	3	48-42-0521	2	48-42-0801	1	48-42-2120	2
48-42-0140	3	48-42-0540	2	48-42-0816	1	48-42-2160	2
48-42-0200	3	48-42-0561	1	48-42-0820	1	48-42-2190	2
48-42-0220	3	48-42-0600	2	48-42-0826	1	48-42-2300	1
48-42-0240	3	48-42-0620	2	48-42-0830	1	48-42-2310	1
48-42-0400	2	48-42-0640	2	48-42-0836	1	49-22-1168	3

HEAVY-DUTY ORBITAL SANDERS

EXCLUSIVE DUST PICK UP KIT AVAILABLE FOR MODEL 6014

TWO MODELS

6012 *Use 1/3 of Standard 9" × 11" Sandpaper*

6014 *Use 1/2 of Standard 9" × 11" Sandpaper*

DUST PICK UP KIT NO. 48-09-0300
(ONLY FOR USE WITH 6014 SANDER)

- 12,000 ORBITS/MIN—FOR FAST REMOVAL—BLEMISH FREE SURFACES
- FOR CONTINUOUS PRODUCTION USE • BALL BEARINGS
- DESIGNED FOR 1 OR 2 HAND CONTROL • THUMB SLIDE SWITCH
- STRONG, DURABLE 40% GLASS REINFORCED NYLON HOUSING AND HANDLES
- SPECIALLY ENGINEERED AND PRECISION MACHINED FOR LOW VIBRATION
- AMPLE RESERVE POWER FOR HEAVY SANDING

FLUSH SANDING ON 3 SIDES

SPECIFICATIONS

CATALOG NUMBER	VOLTS AC-DC	AMPS	DESCRIPTION	ORBITS PER MINUTE NO LOAD	DIAMETER OF ORBIT (INCHES)	LENGTH (INCHES)	WIDTH (INCHES)	HEIGHT (INCHES)	NET WGT. LBS.	SHP. WGT. LBS.
6012	120	5	W/Felt Pad 3-5/8" x 7-3/8"	12,000	1/8	10-1/2	3-5/8	7	6	7
6014	120	5	W/Felt Pad 4-1/2" x 9-1/4"	12,000	1/8	11-1/2	4-1/2	7	7	8

DUST PICK UP KIT
NO. 48-09-0300
(ONLY FOR USE WITH NO. 6014 SANDER)

FAST

1. TAKE NO. 6014 SANDER
2. SNAP ON DUST PICK UP KIT
3. READY FOR SANDING IN SECONDS!

ILLUSTRATED: NO. 6014 SANDER WITH DUST PICK UP KIT ATTACHED

STEEL CARRYING CASE
Available for both models
NO. 48-55-0740

ACCESSORY
RUBBER BACKING PAD KIT
NO. 49-22-0050
(3-5/8" × 7-3/8") Fits No. 6012 only.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY 3" and 4" HIGH PERFORMANCE BELT SANDERS

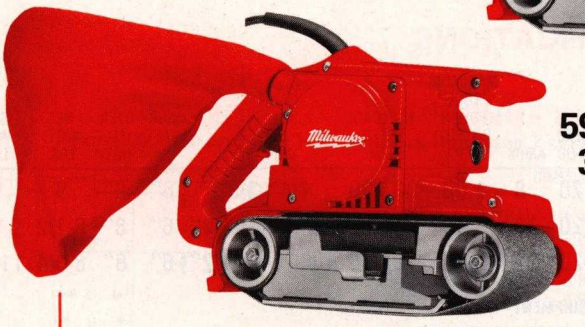
NEW POWERFUL 10 AMP BELT SANDERS FOR FAST MATERIAL REMOVAL WITH OR WITHOUT BUILT IN DUST COLLECTION VACUUM SYSTEM

SUPERIOR BELT TRACKING

SEPARATE STRAIN RELIEF FOR LONGER CORD LIFE

5920 3" × 24" WITHOUT DUST COLLECTOR
5925 3" × 24" WITH DUST COLLECTOR
5930 4" × 24" WITHOUT DUST COLLECTOR
5935 4" × 24" WITH DUST COLLECTOR

5920
3"

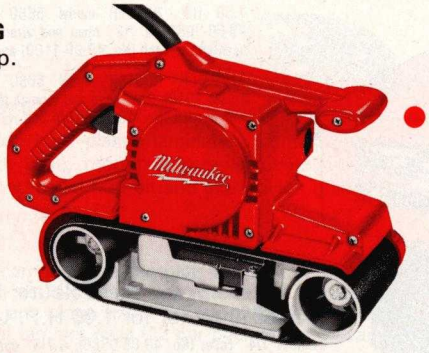


5925
3"

- **BELT RELEASE LEVER** For quick belt change.

- **WEIGHT IS CENTERED DIRECTLY OVER BASE FOR CONTROL/BALANCE**
- **RUBBER COATED REAR PULLEY FOR FULL TRACTION UNDER HEAVY PRESSURE**
- **BELT DRIVE MINIMIZES GEAR MAINTENANCE**
- **POSITIVE BRUSH STOP...PREVENTS SPRING FROM DAMAGING COMMUTATOR**
- **INDEPENDENT VENTILATING AND EXHAUST FAN**
- **STRONG FIBERGLASS CONSTRUCTION**
- **NO OIL**

- **LARGE DUST COLLECTOR BAG** For constant, powerful dust pick up. Out of way—empties easily.



- ***4" MODELS SAND FLUSH***

5930
4"

SWITCH With lock-on control.

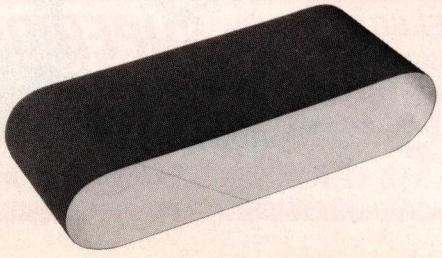
5935
4"

SPECIFICATIONS

CATALOG NUMBER	BELT SPEED S FPM	BELT SIZE	VOLTS	AMPS	NET WGT. LBS.	SHP. WGT. LBS.
5920	1400	3"	120	10	13-1/2	16-1/2
5925	1400	3"	120	10	13-3/4	16-3/4
5930	1400	4"	120	10	14-1/4	17-1/4
5935	1400	4"	120	10	14-1/2	17-1/2

STANDARD EQUIPMENT: (1) 36 grit sanding belt.

OPEN COAT SANDING BELTS FOR BELT SANDERS



CATALOG NUMBER	SIZE	BELTS PER PKG.	GRIT	TYPE	USE
49-37-3036	3 × 24	10	36	**COARSE**	For fast sanding of wood and non-ferrous material.
49-37-4036	4 × 24	10	36		
49-37-3060	3 × 24	10	60	**MEDIUM**	For general smoothness of wood or metal.
49-37-4060	4 × 24	10	60		
49-37-3120	3 × 24	10	120	**FINE**	For finish work on wood or metal.
49-37-4120	4 × 24	10	120		

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

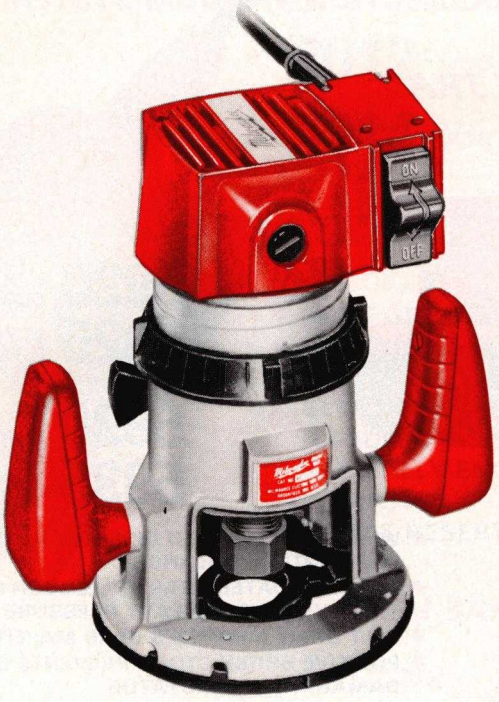
HEAVY-DUTY ROUTERS

POWERFUL, LIGHTWEIGHT, FOR EXTRA HEAVY-DUTY JOBS

5620
1.00 HP
8 AMPS

5660
1.50 HP
10 AMPS

5680
2.00 HP
12 AMPS



- **FUNCTIONAL TRIGGER-HANDLE GROUPING**
- **OUT-OF-WAY ELECTRIC CORD**
- **FLAT TOP FOR STEADY POSITIONING**
  For changing bits, removing base or measuring bit for depth of cut.
- **ACCURATE SIMPLE DEPTH ADJUSTMENT**
  Adjusting ring, marked in 1/64" graduations, permits friction-free operation with locking device to maintain depth-of-cut.
- **HEAVY-DUTY SUB BASE**
  With large openings for maximum visibility.

SPECIFICATIONS

CATALOG NUMBER	VOLTS AC-DC	AMPS	MAXIMUM TOOL POWER OUTPUT H.P.	NO LOAD SPEED RPM	COLLET CAPACITY	SUB BASE DIA.	OVER-ALL HGT.	NET WGT. LBS.	SHP. WGT. LBS.
5620	120	8	1.00	23,000	1/4"-3/8"	6"	8"	8	10
5660	120	10	1.50	24,500	1/4"-3/8"-1/2"	6"	8"	8-1/2	11
5680	120	12	2.00	26,000	1/4"-3/8"-1/2"	6"	8"	8-3/4	11-1/4

STANDARD EQUIPMENT

1.00 H.P. ROUTER model 5620 includes a 1/4" collet (No. 48-66-0980), a 7/8" open end wrench (No. 49-96-4070), a 1" open end wrench (No. 49-96-4075) and router base (No. 48-10-0070).

1.50 H.P. ROUTER model 5660 includes a 1/4" collet (No. 48-66-0985), a 7/8" open end wrench (No. 49-96-4070), a 1-1/4" open end wrench (No. 49-96-4100) and router base (No. 48-10-0070).

2.00 H.P. ROUTER model 5680 includes a 1/2" collet (No. 48-66-1010), 7/8" open end wrench (No. 49-96-4070), a 1-1/4" open end wrench (No. 49-96-4100) and router base (No. 48-10-0070).

MOTOR

STEEL CARRYING CASE FOR MILWAUKEE ROUTERS
NO. 48-55-0810

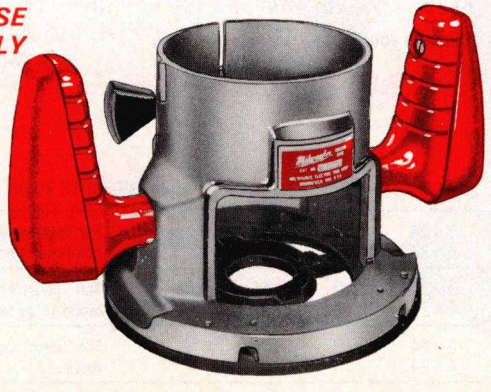
MOTORS ONLY (Less Router Base)

NO. 5610 Motor for 1.00 H.P. Unit
Includes 1/4" collet (No. 48-66-0980), a 7/8" open end wrench (No. 49-96-4070) and a 1" open end wrench (No. 49-96-4075).

NO. 5650 Motor for 1.50 H.P. Unit
Includes 1/4" collet (No. 48-66-0985), a 7/8" open end wrench (No. 49-96-4070) and a 1-1/4" open end wrench (No. 49-96-4100).

NO. 5670 Motor for 2.00 H.P. Unit
Includes 1/2" collet (No. 48-66-1010), 7/8" open end wrench (No. 49-96-4070) and a 1-1/4" open end wrench (No. 49-96-4100).

BASE ASSEMBLY



BASE ASSEMBLY ONLY NO. 48-10-0070 For 1.00, 1.50 and 2.00 H.P. units. Base includes 2 handles, sub base and wing lock nut.

SELECT Milwaukee® ***SUPERIOR***
- **SOLID CARBIDE**
- **CARBIDE TIPPED**

ROUTER BITS

For • FASTEST RATE OF FEED

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY ROUTER ACCESSORIES

COLLETS FOR MILWAUKEE ROUTERS

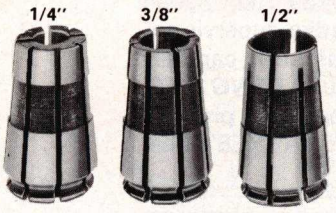
FOR 1.00 H.P. MODEL

1/4" COLLET
NO. 48-66-0980 *
3/8" COLLET
NO. 48-66-0990 *

* For ***CURRENT*** 1.00 H.P. Model with serial no. above 451-12247.

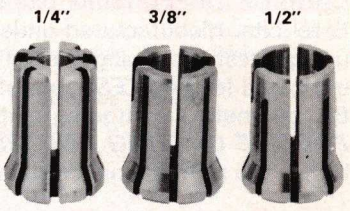
1/4" COLLET
NO. 48-66-0930
3/8" COLLET
NO. 48-66-0940

FOR 1.50 H.P. and 2.00 H.P. MODELS



1/4" COLLET
NO. 48-66-0985 *
3/8" COLLET
NO. 48-66-1000 *
1/2" COLLET
NO. 48-66-1010 *

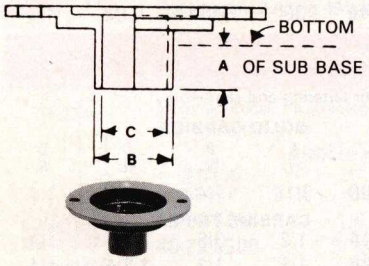
* For ***CURRENT*** 1.50 H.P. Model with serial no. above 452-19550 and ***CURRENT*** 2.00 H.P. Model with serial no. above 608-2566.



1/4" COLLET
NO. 48-66-0945
3/8" COLLET
NO. 48-66-0950
1/2" COLLET
NO. 48-66-0955

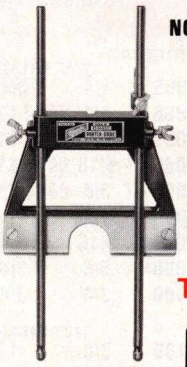
GENERAL TEMPLET GUIDES AND HINGE BUTT GUIDE

For 1.00, 1.50 and 2.00 H.P. Routers (Includes 2 screws)



TEMPLET	DIMENSIONS A	B	C	NUMBER
GENERAL	5/16	1/4	3/16	**49-54-0500**
GENERAL	3/16	3/8	5/16	**49-54-0510**
GENERAL	5/16	7/16	3/8	**49-54-0520**
GENERAL	3/16	5/8	9/16	**49-54-0530**
HINGE BUTT	7/16	5/8	9/16	**49-54-0550**

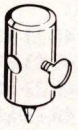
ROUTER GUIDE



NO. 49-54-0200

For straight cuts. Includes Trammel Point Assembly.

TRAMMEL POINT ASSEMBLY



NO. 49-54-0210

For cutting circles.

CHIP COLLECTOR ASSEMBLY

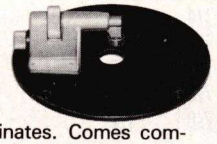
NO. 49-54-2000

For fast efficient material removal. Assembly includes 10' 1-1/2" vacuum hose and attaches to any MILWAUKEE vacuum cleaner.

NO. 49-54-0540

Templet Guide Kit for router chip collector.

VENEER TRIM KIT



NO. 49-54-0300

For cutting hard plastic laminates. Comes complete with base, mounting screws, combination straight and bevel trim bit and extra nylon guide.

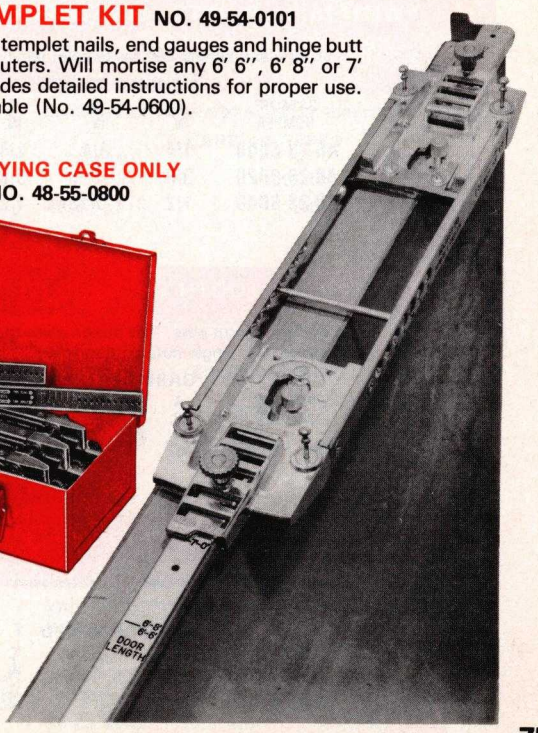
OPEN END WRENCHES (See Standard Equipment)

7/8" OPEN END WRENCH	**NO. 49-96-4070**
1" OPEN END WRENCH	**NO. 49-96-4075**
1-1/8" OPEN END WRENCH	**NO. 49-96-4080**
1-1/4" OPEN END WRENCH	**NO. 49-96-4100**

DOOR AND JAMB BUTT TEMPLET KIT NO. 49-54-0101

Includes carrying case, templet, link rail assemblies, templet nails, end gauges and hinge butt guide No. 49-54-0550 for use with MILWAUKEE routers. Will mortise any 6' 6", 6' 8" or 7' door and any hinge size 2-1/2" to 5-1/2". Kit includes detailed instructions for proper use. Additional templet nails (12 per package) are available (No. 49-54-0600).

CARRYING CASE ONLY
NO. 48-55-0800



SEE PAGES 76, 77 for CARBIDE BITS
SEE PAGES 78, 79 for HIGH SPEED STEEL BITS

PRECISION CUTTING • EXTENDED BIT LIFE

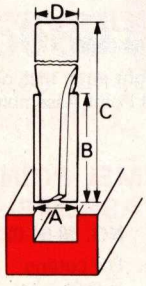
HEAVY-DUTY ROUTER BITS

SOLID CARBIDE and CARBIDE-TIPPED

FOR *SUPERIOR* PRECISION CUTTING, FASTEST FEED, LONGEST LIFE

SUPERIOR MILWAUKEE SOLID CARBIDE and CARBIDE TIPPED router bits ***OUTLAST*** High Speed Steel bits. Manufactured under exacting supervision, using latest technology, each bit has been carefully evaluated for ***FASTEST*** rate of feed and ***LONG LIFE.*** Bit geometry, contours, carbide bonding produce ***PRECISE CUTTING ANGLES.*** MILWAUKEE's best bit for the professional craftsmen.

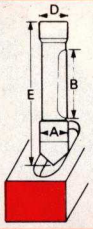
STRAIGHT BITS—TWO FLUTES



For all general purpose routing (rabbeting, grooving, dadoing, etc.). Smooth finish cuts. Use long shank bits where nature of cut requires longer shank extension.

CATALOG NUMBER	A IN.	B IN.	C IN.	D IN.
		CARBIDE TIPPED		
		1/4" SHANK		
48-23-5055	1/4	3/4	2	1/4
48-23-5056	1/4	1	2-1/4	1/4
48-23-5057	1/4	1	2-7/8	1/4
48-23-5065	5/16	1	2-1/4	1/4
48-23-5070	3/8	1	2-1/4	1/4
48-23-5080	1/2	1	2-1/8	1/4
48-23-5085	9/16	3/4	2-1/8	1/4
48-23-5090	5/8	3/4	2	1/4
48-23-5100	3/4	3/4	2	1/4
		1/2" SHANK		
48-23-5135	3/8	1	2-3/4	1/2
48-23-5140	1/2	1	2-5/8	1/2
48-23-5141	1/2	1-1/4	2-7/8	1/2
48-23-5142	1/2	2	4-1/4	1/2
48-23-5144	1/2	1-1/2	3-1/8	1/2
48-23-5150	3/4	1-1/4	2-7/8	1/2
48-23-5155	7/8	1-1/4	2-7/8	1/2
48-23-5160	1	1-1/4	2-7/8	1/2

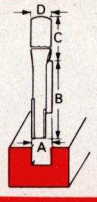
COMBINATION PILOT PANEL BITS WITH DRILL POINTS—SINGLE FLUTE



For trimming veneer and for templet panel routing.

CATALOG NUMBER	A IN.	B IN.	D IN.	E IN.
	CARBIDE TIPPED			
48-23-6000	1/4	3/4	1/4	2-1/2
48-23-6020	3/8	1	3/8	3
48-23-6040	1/2	1-3/16	1/2	3-1/2

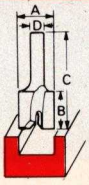
STAGGER TOOTH STRAIGHT BIT



Excellent for cut outs. This design gives the bit two flute balance with single flute cutting speed.

CATALOG NUMBER	A IN.	B IN.	C IN.	D IN.
	CARBIDE TIPPED			
48-23-5143	1/2	2	2-1/4	1/2

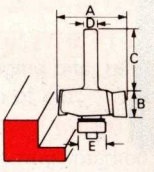
HINGE MORTISING BIT



Fast cutting bit for making mortises when cut is started from edge of work.

CATALOG NUMBER	A IN.	B IN.	C IN.	D IN.
	CARBIDE TIPPED			
48-23-6100	1/2	3/4	1-3/4	1/4

RABBETING BITS

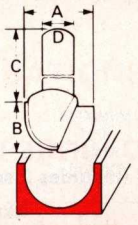


With pilot. For making rabbeting cuts without use of router guide. Carbide tip bit has replaceable ball bearing pilot.

CATALOG NUMBER	RABBET DEPTH IN.	A IN.	B IN.	C IN.	D IN.	E IN.
		CARBIDE TIPPED				
48-23-6400	3/8	1-1/4	1/2	1-1/8	1/4	1/2
48-23-6440	3/8	1-1/4	1/2	1-1/2	1/2	1/2

Replacement Ball Bearing 49-54-1060...By substituting Bearing 49-54-1070, rabbet depth can be increased to 1/2".

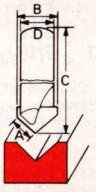
CORE BOX BITS—TWO FLUTES



Especially effective in fluting flat surfaces (mantels and facades).

CATALOG NUMBER	A IN.	B IN.	C IN.	D IN.
	CARBIDE TIPPED			
48-23-5600	1/4	5/32	1-1/8	1/4
48-23-5610	1/2	3/8	1-1/8	1/4
48-23-5620	5/8	.417	1-1/8	1/4
48-23-5630	3/4	.465	1-1/8	1/4
48-23-5640	3/4	.465	1-1/2	1/2

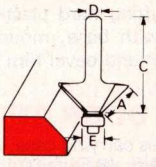
V-GROOVING BITS



Excellent for lettering and sign work.

CATALOG NUMBER	A IN.	B IN.	C IN.	D IN.
	SOLID CARBIDE			
48-23-8200	3/16	1/4	1-1/2	1/4
	CARBIDE TIPPED			
48-23-8210	1/2	3/8	1-3/4	1/4
48-23-8230	1/2	1/2	1-3/4	1/4

45° CHAMFERING BITS—TWO FLUTES

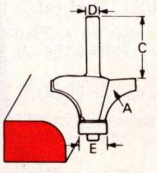


With pilot. For decorative edging and making concealed joints. Carbide tip bit has replaceable ball bearing pilot.

CATALOG NUMBER	A IN.	C IN.	D IN.	E IN.
	CARBIDE TIPPED			
48-23-6200	1/2	1-5/8	1/4	3/8
48-23-6240	1/2	2	1/2	3/8

Replaceable Bearing 49-54-1090.

CORNER ROUNDING BITS

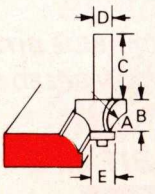


With pilot. For decorative edging and for drop leaf table joints. Carbide tip bits have replaceable ball bearing pilot.

CATALOG NUMBER	A IN. RADIUS	C IN.	D IN.	E IN.
	CARBIDE TIPPED			
48-23-5410	1/4	1-1/4	1/4	1/2
48-23-5420	5/16	1-3/8	1/4	1/2
48-23-5430	3/8	1-1/4	1/4	1/2

Replaceable Bearing 49-54-1060...Converts to Beading Bit by substituting Bearing 49-54-1070.

BEADING BITS—TWO FLUTES



With pilot. For decorative furniture. Pilot guides router along edge of work. Carbide tip bits have replaceable ball bearing pilot.

CATALOG NUMBER	A IN. RADIUS	B IN.	C IN.	D IN.	E IN.
	CARBIDE TIPPED				
48-23-5510	3/16	1/2	1-1/4	1/4	3/8
48-23-5520	1/4	1/2	1-1/8	1/4	3/8
48-23-5525	5/16	1/2	1-1/8	1/4	3/8
48-23-5530	3/8	5/8	1-1/8	1/4	3/8

Replaceable Bearing 49-54-1070...Convert to Corner Rounding Bit by substituting Bearing 49-54-1060.

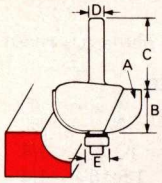
HEAVY-DUTY ROUTER BITS

SOLID CARBIDE and CARBIDE TIPPED

FOR SUPERIOR PRECISION CUTTING, FASTEST FEED, LONGEST LIFE

COVE BITS—TWO FLUTES

With pilot. For decorative edging and for drop leaf joints.

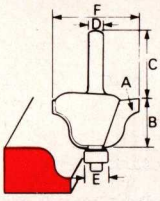


CARBIDE TIPPED

CATALOG NUMBER	A IN. RADIUS	B IN.	C IN.	D IN.	E IN.
48-23-5700	1/4	33/64	1-1/8	1/4	3/8
48-23-5710	3/8	33/64	1-1/8	1/4	3/8
48-23-5720★	1/2	23/32	1-1/8	1/4	3/8

★ Not recommended for use with MILWAUKEE routers.
Replaceable Bearing 49-54-1090.

ROMAN OGEE BITS



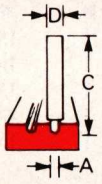
With pilot. For decorative furniture. Pilot guides router along edge of work.

CARBIDE TIPPED

CATALOG NUMBER	A IN.	B IN.	C IN.	D IN.	E IN.	F IN.
48-23-5800	5/32	5/8	1-1/8	1/4	3/8	1
48-23-5810★	1/4	.787	1-1/8	1/4	3/8	1-3/8

★ Not recommended for use with MILWAUKEE routers.
Replaceable Bearing 49-54-1090.

PROVINCIAL DESIGN VEINER BITS

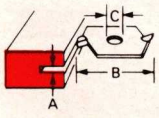


Most practical for veining designs on panels, cabinet doors and furniture.

SOLID CARBIDE

CATALOG NUMBER	A IN.	C IN.	D IN.
48-23-5295	1/8	1-1/2	1/4
48-23-5300	3/16	1-1/2	1/4

TWO WING SLOTTING CUTTERS



Used for slotting plywoods and core boards for "T" moldings.

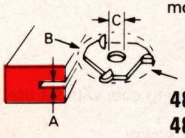
CARBIDE TIPPED

CATALOG NUMBER	A IN.	B IN.	C IN.
48-23-8000	1/16	1-7/8	5/16
48-23-8005	5/64	1-7/8	5/16
48-23-8020	3/32	1-7/8	5/16
48-23-8030	1/4	1-7/8	5/16

NOTE: USE ABOVE WITH SLOTTING CUTTER ARBOR NO. 48-23-8050

Includes 1/4" shank Slotting Cutter Arbor, Nut Washer and Bearing. Replacement Arbor Bearing No. 49-54-1080.

THREE WING SLOTTING CUTTERS



Used for slotting plywoods and core boards for "T" moldings.

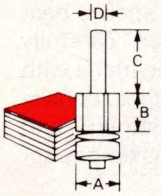
CARBIDE TIPPED

CATALOG NUMBER	A IN.	B IN.	C IN.
48-23-8100	1/16	1-7/8	5/16
48-23-8110	5/64	1-7/8	5/16
48-23-8120	3/32	1-7/8	5/16
48-23-8130	1/8	1-7/8	5/16

NOTE: USE ABOVE WITH SLOTTING CUTTER ARBOR NO. 48-23-8050

Includes 1/4" shank Slotting Cutter Arbor, Nut Washer and Bearing. Replacement Arbor Bearing No. 49-54-1080.

HELIX LAMINATE TRIMMERS



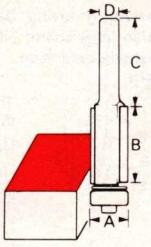
Designed to force the laminate against backing for chip free cuts—eliminates surface flake out. Replaceable ball bearing pilot.

CARBIDE TIPPED

CATALOG NUMBER	TYPE OF CUT	A IN.	B IN.	C IN.	D IN.
48-23-6700	Flush	3/4	5/8	1	1/4
48-23-6710	15°	3/4	3/8	1	1/4

Replaceable Bearing 49-54-1050.

FLUSH TRIM BITS TWO FLUTES—BALL BEARING

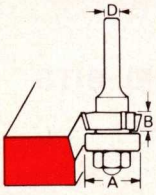


CARBIDE TIPPED

CATALOG NUMBER	A IN.	B IN.	C IN.	D IN.
48-23-6500	3/8	1/2	1-1/2	1/4
48-23-6505	3/8	1	1-1/2	1/4
48-23-6520	1/2	1	1-1/2	1/4
48-23-6540	1/2	1	2	1/2

Replaceable Bearing 49-54-1090 for 48-23-6500 and 48-23-6505. Replaceable Bearing 49-54-1060 for 48-23-6520 and 48-23-6540.

FOUR WING LAMINATE CUTTERS

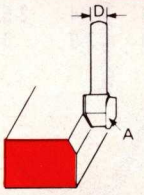


CARBIDE TIPPED

CATALOG NUMBER	TYPE OF CUT	A IN.	B IN.	D IN.
48-23-6600	0°	.865	1/4	1/4
48-23-6610	15°	.865	1/4	1/4

Replaceable Bearing 49-54-1080.

COMBINATION STRAIGHT AND 23° BEVEL TRIM BIT

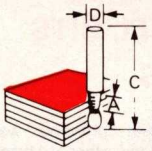


Combines 23° bevel trim and flush trim cuts in one bit.

CARBIDE TIPPED

CATALOG NUMBER	A DEGREES	D IN.
48-23-6715	23	1/4

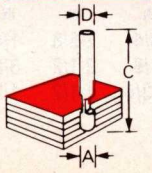
7° BEVEL TRIMMER



SOLID CARBIDE

CATALOG NUMBER	A DEGREES	C IN.	D IN.
48-23-5195	7	1-1/2	1/4

FLUSH TRIM BIT



With pilot. Produces square, flush edge on plastic laminates.

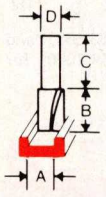
SOLID CARBIDE

CATALOG NUMBER	A IN.	C IN.	D IN.
48-23-5235	1/4	1-1/2	1/4

HEAVY-DUTY ROUTER BITS
HIGH SPEED STEEL

MILWAUKEE HIGH SPEED STEEL ROUTER BITS are a select line, made from high-speed, heat treated, tool steel. Each bit has been carefully evaluated and approved for routing applications with MILWAUKEE routers. Double-ground edges, consistent matching contours, high speed geometry and critical hardness control all add up to maximum accuracy and economy.

STRAIGHT BITS — TWO FLUTES

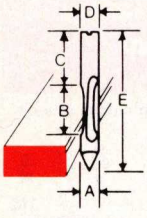


For all general purpose routing (rabbeting, grooving, dadoing, etc.). Smooth finish cuts. Use long shank bits where nature of cut requires longer shank extension.

HIGH SPEED STEEL

CATALOG NUMBER	A IN.	B IN.	C IN.	D IN.
48-23-0050	1/4	5/8	1	1/4
48-23-0060	5/16	3/4	1-1/4	1/4
48-23-0070	3/8	3/4	1	1/4
48-23-0080	1/2	3/4	1	1/4
48-23-0090	5/8	5/8	1	1/4
48-23-0100	3/4	5/8	1	1/4

COMBINATION PILOT PANEL BITS WITH DRILL POINTS — SINGLE FLUTE

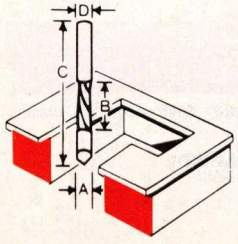


For trimming veneer and for templet panel routing.

HIGH SPEED STEEL

CATALOG NUMBER	A IN.	B IN.	C IN.	D IN.	E IN.
48-23-1010	1/4	3/4	1	1/4	2-5/8
48-23-1015	3/8	7/8	1	3/8	3

DOWN SPIRAL PILOT PANEL BITS WITH DRILL POINTS

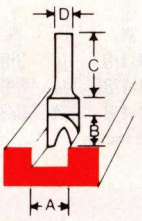


For cutting aluminum sheet, plywood, wall panels insulation sheeting and other synthetic materials.

HIGH SPEED STEEL

CATALOG NUMBER	A IN.	B IN.	C IN.	D IN.
48-23-1020	1/4	3/4	2-5/8	1/4
48-23-1025	3/8	7/8	3-1/2	3/8
48-23-1030	1/2	1-3/4	4-1/2	1/2

HINGE MORTISING BITS

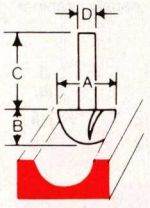


Fast cutting bit for making mortises when cut is started from edge of work.

HIGH SPEED STEEL

CATALOG NUMBER	A IN.	B IN.	C IN.	D IN.
48-23-1100	3/8	7/16	1-1/8	1/4
48-23-1120	1/2	3/4	1-5/16	1/4

CORE BOX BITS — TWO FLUTES

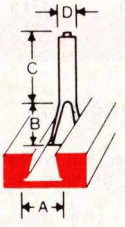


Especially effective in fluting flat surfaces (mantels and facades).

HIGH SPEED STEEL

CATALOG NUMBER	A IN.	B IN.	C IN.	D IN.
48-23-0200	1/4	1/4	1	1/4
48-23-0210	3/8	1/4	1	1/4
48-23-0220	1/2	11/32	1	1/4
48-23-0230	5/8	3/8	1	1/4
48-23-0240	3/4	15/32	1	1/4

DOVETAIL BIT

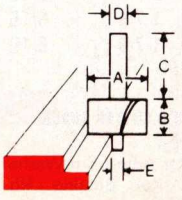


For making dovetail.

HIGH SPEED STEEL

CATALOG NUMBER	A IN.	B IN.	C IN.	D IN.
48-23-1310	9/16	17/32	1-3/32	1/4

RABBETING BITS



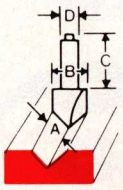
With pilot. For making rabbeting cuts without use of router guide.

HIGH SPEED STEEL

CATALOG NUMBER	RABBET DEPTH IN.	A IN.	B IN.	C IN.	D IN.	E IN.
48-23-1400	1/4	11/16	7/16	1	1/4	3/16
48-23-1410	3/8	15/16	1/2	1	1/4	3/16

HEAVY-DUTY ROUTER BITS
HIGH SPEED STEEL

V-GROOVING BITS

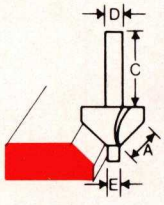


Excellent for lettering and sign work.

HIGH SPEED STEEL

CATALOG NUMBER	A IN.	B IN.	C IN.	D IN.
48-23-0600	3/8	1/2	1	1/4
48-23-0610	7/8	1-1/8	1	1/4

CHAMFERING BIT— TWO FLUTES

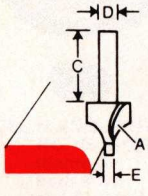


With pilot. For decorative edging and making concealed joints. Carbide tip bit has replaceable ball bearing pilot.

HIGH SPEED STEEL

CATALOG NUMBER	A IN.	C IN.	D IN.	E IN.
48-23-1200	1/2	1	1/4	3/16

CORNER ROUNDING BITS

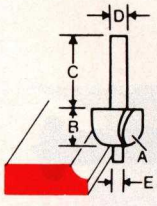


With pilot. For decorative edging and for drop leaf table joints.

HIGH SPEED STEEL

CATALOG NUMBER	A IN. RADIUS	C IN.	D IN.	E IN.
48-23-0410	1/4	1	1/4	3/16
48-23-0430	3/8	1	1/4	3/16
48-23-0440	1/2	1	1/4	3/16

COVE BITS— TWO FLUTES

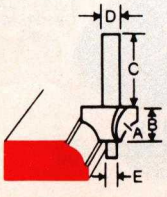


With pilot. For decorative edging and for drop leaf table joints.

HIGH SPEED STEEL

CATALOG NUMBER	A IN. RADIUS	B IN.	C IN.	D IN.	E IN.
48-23-0310	1/4	1/2	1	1/4	3/16
48-23-0320	3/8	5/8	1	1/4	3/16
48-23-0330	1/2	3/4	1	1/4	3/16

BEADING BITS— TWO FLUTES

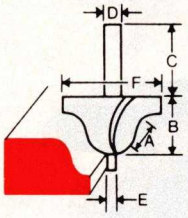


With pilot. For decorative furniture. Pilot guides router along edge of work.

HIGH SPEED STEEL

CATALOG NUMBER	A RADIUS	B IN.	C IN.	D IN.	E IN.
48-23-0500	1/16	3/16	1	1/4	3/16
48-23-0510	1/8	3/8	1	1/4	3/16
48-23-0520	1/4	1/2	1	1/4	3/16
48-23-0530	3/8	3/4	1	1/4	3/16

ROMAN OGEE BITS

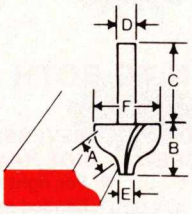


With pilot. For decorative furniture. Pilot guides router along edge of work.

HIGH SPEED STEEL

CATALOG NUMBER	A IN.	B IN.	C IN.	D IN.	E IN.	F IN.
48-23-0800	5/32	1/2	1	1/4	3/16	15/16
48-23-0810	1/4	3/4	1	1/4	3/16	1-3/16

OGEE BITS



For decorative cuts. Clamp straight edge or templet on the work and use as a guide for the outside edge of router base.

HIGH SPEED STEEL

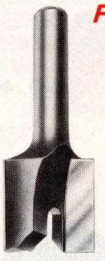
CATALOG NUMBER	A IN.	B IN.	C IN.	D IN.	E IN.	F IN.
48-23-0900	3/16	5/8	1	1/4	3/16	13/16
48-23-0910	9/32	29/32	1	1/4	3/16	1-3/16

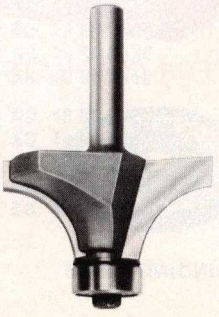
SEE PAGES 76, 77 for

Milwaukee®

- **SOLID CARBIDE**
- **CARBIDE TIPPED ROUTER BITS**

FOR FASTEST RATE OF FEED PRECISION CUTTING EXTENDED BIT LIFE





HEAVY-DUTY
4-1/2" and 5" SANDER/GRINDERS

POWERFUL LIGHTWEIGHT COMPACT 10,000 RPM

4-1/2" DIAMETER 5.5 AMP
6145 10,000 RPM

5" DIAMETER 5.5 AMP
6146 10,000 RPM

- SPECIAL SLIP CLUTCH
- POWERFUL 5.5 AMP MOTOR
- 5" DISC FOR FASTER MATERIAL REMOVAL

FEATURES COMMON TO BOTH 4-1/2" AND 5" SANDER/GRINDERS■

PADDLE SWITCH
- Conveniently mounted for one hand operation

GUARD SINGLE SCREW MOUNT

REVERSIBLE SIDE HANDLE
- For right or left handed operation

DOUBLE INSULATED
ALL BALL AND ROLLER BEARINGS
ALUMINUM GEAR HOUSING
MADE IN U.S.A.

■ SANDER/GRINDER MAY BE CONVERTED TO A SANDER BY USING SANDER ACCESSORIES SHOWN ON PAGE 81

SPECIFICATIONS

CATALOG NUMBER	SPEED RPM	DISC DIAMETER	VOLTS AC-DC	AMPS	MAXIMUM MOTOR POWER OUTPUT H.P.	SPINDLE SIZE▲	LENGTH	NET WEIGHT	SHIPPING WEIGHT
6145★●	10,000	4-1/2"	120	5.5	.75	1/2"-13	10-1/2"	4-1/2 lbs.	6-1/4 lbs.
6146●	10,000	5"	120	5.5	.75	1/2"-13	10-1/2"	5 lbs.	7 lbs.

★ Available in 240 Volts AC-DC. Add -2 after Catalog Number when ordering. See price sheet. Not available in Canada.
● When used as a grinder, guard must be used for O.S.H.A. compliance.
▲ Flange designed to accommodate 7/8" hub depressed center wheel.

STANDARD EQUIPMENT FOR NO. 6145: Grinding wheel guard assembly No. 49-12-0320. One 4-1/2" × 1/4" × 7/8" 24 grit aluminum oxide grinding wheel No. 49-94-3300. 3/4" open end wrench No. 49-96-4078 and spanner wrench No.49-96-7200. Flange No. 49-05-0040 and flange nut No. 49-05-0050. Side handle No. 49-15-0251.

STANDARD EQUIPMENT FOR NO. 6146: Grinding wheel guard assembly No. 49-12-0330. One 5" × 1/4" × 7/8" 24 grit aluminum oxide grinding wheel No. 49-94-3340. 3/4" open end wrench No. 49-96-4078 and spanner wrench No. 49-96-7200. Flange No. 49-05-0070 and flange nut No. 49-05-0050. Side handle No. 49-15-0251.

STEEL CARRYING CASE
NO. 48-55-0885

4-1/2" AND 5" SANDER/GRINDER ACCESSORIES

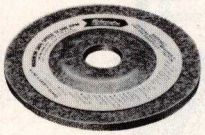
SPANNER WRENCH
NO. 49-96-7200

3/4" WRENCH
NO. 49-96-4078

SIDE HANDLE
NO. 49-15-0251

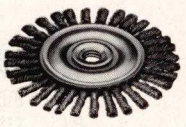
TYPE "O" GREASE NO. 49-08-4200 1 LB. CAN

FOR COMPLETE LINE 4-1/2" AND 5" SANDER/GRINDER ACCESSORIES SEE PAGE 81.



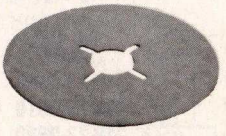
GRINDING DISCS

CUP WIRE BRUSHES



KNOT WIRE WHEELS

BACKING PADS



ABRASIVE SANDING DISCS

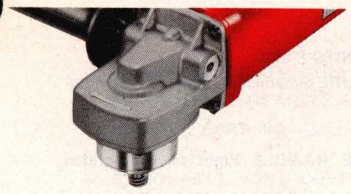
MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY ACCESSORIES

FOR USE WITH 4-1/2" NO. 6145 AND 5" NO. 6146 SANDER/GRINDERS

NOTE:

THE MAXIMUM SAFE OPERATING SPEED SHOWN ON THE GRINDING WHEELS AND ANY ACCESSORY USED, MUST BE GREATER THAN THE NO LOAD SPEED OF THE TOOL.



USE GUARD
NO. 49-12-0320 for 4-1/2" Grinder
NO. 49-12-0330 for 5" Grinder

USE FLANGE
NO. 49-05-0040 for 4-1/2" Grinder
NO. 49-05-0070 for 5" Grinder

REINFORCED TYPE 27 DEPRESSED CENTER GRINDING WHEELS

ALUMINUM OXIDE DISCS FOR METAL

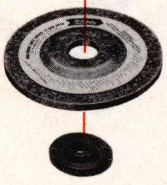
7/8" ARBOR HOLE MAX. SPEED 12,500 RPM

NO. 49-94-3300	**BOX OF 10**	24 GRIT	4-1/2" × 1/4"
NO. 49-94-3310		24 GRIT	4-1/2" × 1/8"
NO. 49-94-3340		24 GRIT	5" × 1/4"
NO. 49-94-3350		24 GRIT	5" × 1/8"

SILICON CARBIDE DISCS FOR STONE OR CONCRETE

7/8" ARBOR HOLE MAX. SPEED 12,500 RPM

NO. 49-94-3320	**BOX OF 10**	24 GRIT	4-1/2" × 1/4"
NO. 49-94-3330		24 GRIT	4-1/2" × 1/8"
NO. 49-94-3360		24 GRIT	5" × 1/4"
NO. 49-94-3370		24 GRIT	5" × 1/8"



USE FLANGE NUT
NO. 49-05-0050
(Same for both 4-1/2" and 5" Grinders)

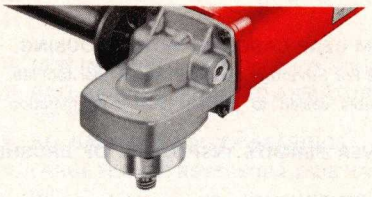
COTTON REINFORCED TYPE 27 DEPRESSED CENTER GRINDING WHEELS

FOR BLENDING AND FINISHING ON NON-FERROUS ALLOYS AND STAINLESS STEEL

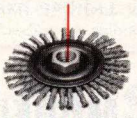
SMOOTH HANDLING...soft cushion-like action reduces any tendency towards vibration. NON-LOADING...cotton reinforced wheels do not load up when working on the softer metals or alloys. LONG LIFE...for long life on original job plus the fact that cotton reinforced wheels can be dressed down and utilized on other operations. Wide range of applications...one of the most versatile of all abrasive tools.

7/8" ARBOR HOLE MAX. SPEED 12,500 RPM

NO. 49-94-3400	**BOX OF 10**	24 GRIT	4-1/2" × 1/4"
NO. 49-94-3410		24 GRIT	4-1/2" × 1/8"

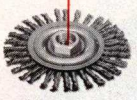


USE GUARD
NO. 49-12-0320 for 4-1/2" Grinder
NO. 49-12-0330 for 5" Grinder

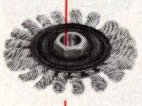


NO. 48-52-1225
4" DIA. STAINLESS STEEL STRINGER BEAD WIRE WHEEL
MAX. SPEED 12,000 RPM
.020 WIRE 1/2"-13 THREAD

NO. 48-52-1250
4" DIA. CARBON FULL CABLE TWIST KNOT WIRE WHEEL
MAX. SPEED 12,000 RPM
.020 WIRE 1/2"-13 THREAD



NO. 48-52-2220
4" DIA. CARBON STRINGER BEAD WIRE WHEEL
MAX. SPEED 12,000 RPM
.020 WIRE 1/2"-13 THREAD



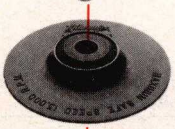
NO. 48-52-2225
4" DIA. STAINLESS STEEL FULL CABLE TWIST KNOT WIRE WHEEL
MAX. SPEED 12,000 RPM
.020 WIRE 1/2"-13 THREAD

NO. 48-52-1125
2-3/4" DIA. CARBON KNOT WIRE CUP BRUSH
MAX. SPEED 12,000 RPM
.020 WIRE 1/2"-13 THREAD

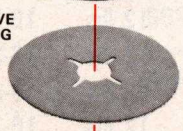
NO. 48-52-1130
2-3/4" DIA. STAINLESS STEEL SINGLE ROW KNOT WIRE CUP BRUSH
MAX. SPEED 12,000 RPM
.020 WIRE 1/2"-13 THREAD

NO. 48-52-1135
3" DIA. CARBON CRIMPED WIRE 1-1/4" TRIM LENGTH CUP BRUSH
MAX. SPEED 12,000 RPM
.012 WIRE 1/2"-13 THREAD

BACKING PAD



ABRASIVE SANDING DISC



DISC NUT

BACKING PAD ASSEMBLIES

The MILWAUKEE Backing Pad Assembly is designed especially for use with 4-1/2" and 5" Sander/Grinders. The flexible backing pad is perfectly balanced for precise and efficient sanding and has a steel hub for easy installation.

Maximum speed 13,000 RPM. Includes backing pad, disc nut, and one each of 36 and 60 grit sanding discs.

ASSEMBLY NO. 49-36-3450
For use with 4-1/2" Sander/Grinder

ASSEMBLY NO. 49-36-3460
For use with 5" Sander/Grinder

DISC NUT *ONLY* NO. 49-40-0370
As furnished with Backing Pad Assembly. For use with either 4-1/2" or 5" Sander/Grinders.

ABRASIVE SANDING DISCS

MAX. SPEED 13,000 RPM

Specially selected extra hard aluminum oxide grits are applied with plastic adhesive to rigid fiber backing for long life...will not crack, curl or tear. They are waterproof and can be scrubbed for reuse.

4-1/2" DIA.	**NO. 48-80-0500**	**BOX OF 10**	24 GRIT
	NO. 48-80-0510		36 GRIT
	NO. 48-80-0520		60 GRIT
	NO. 48-80-0530		80 GRIT
	NO. 48-80-0540		120 GRIT
5" DIA.	**NO. 48-80-0600**	**BOX OF 10**	24 GRIT
	NO. 48-80-0610		36 GRIT
	NO. 48-80-0620		60 GRIT
	NO. 48-80-0630		80 GRIT
	NO. 48-80-0640		120 GRIT

HEAVY-DUTY 15 AMP SANDERS■

■ *MILWAUKEE SANDERS MAY BE CONVERTED TO GRINDERS BY USING THE PROPER WHEEL GUARD FOR GRINDING OPERATIONS. SEE PAGES 86 AND 87 FOR ASSEMBLIES, WHEEL GUARDS AND ACCESSORIES.*

FEATURES

- **HEAVY-DUTY ALUMINUM GEAR CASE AND MOTOR HOUSING**
- **SPIRAL BEVEL GEARING** For Smoother operation and longer tool life.
- **SPINDLE BEARING**—double sealed to prevent dust contamination in heaviest use.
- **REMOVABLE VENT COVER PERMITS INSPECTION OF BRUSHES AND COMMUTATOR**
- **SELF-STOPPING LONG LIFE BRUSHES**—Stops tool when brushes are worn—prevents damage to commutator. Brushes are externally accessible for quick replacement without disassembly of sander.
- **REMOVABLE ARMATURE PINION**
- **NEW IMPROVED FAN**—for cooler running motor.
- **BALL BEARING MOUNTED ARMATURE** dynamically balanced and vibration free.
- **ALL BALL AND ROLLER BEARINGS**
- **LARGE FLANGE REVERSIBLE SIDE HANDLE** Right or left handed operation.
- **RECESSED SPINDLE LOCK BUTTON**—Easily replaceable.
- **HEAVY-DUTY IMPACT RESISTANT URETHANE TOOL REST**
- **RUBBER SPINDLE WASHER** for easy wheel removal—prevents wheels from freezing on spindle.

CONTROLLED START MODELS*

*** CONTROLLED START...Drastically reduces Torque Reaction when starting tool...extends gear, brush and motor life.**

6095
7"/9" DIA.
15 AMP
5000 RPM

6096
7"/9" DIA.
15 AMP
6000 RPM

Not available in Canada

POWERFUL 3.5 HP

CONTROLLED START MODELS HAVE

LINE LOCK-OUT FEATURE...

Prevents tool from operating should current be restored to an interrupted line when switch is locked in the on position.

ON/OFF AC/DC SWITCH MODELS

NEW

6065
7"/9" DIA.
15 AMP
5000 RPM

6066
7"/9" DIA.
15 AMP
6000 RPM

Not available in Canada

POWERFUL 3.5 HP

STEEL CARRYING CASE
NO. 48-55-0890

TYPE "G" GREASE
1 lb. can
NO. 49-08-4140

SEE PAGE 85 for:
Sanding Discs
Backing Pad Assemblies
Sanding Disc Trimmer

SPECIFICATIONS

CATALOG NUMBER	SPEED RPM	DISC DIAMETER	VOLTS AC-DC	AMPS	MAXIMUM MOTOR POWER OUTPUT H.P.	SPINDLE THREAD SIZE	LENGTH LESS DISC	NET WEIGHT	SHIPPING WEIGHT
6065 ON/OFF AC/DC Switch	5000	7"/9"	120	15.0	3.5	5/8"-11	17-1/2"	12 lbs.	16-3/4 lbs.
6066 ON/OFF AC/DC Switch	6000	7"/9"	120	15.0	3.5	5/8"-11	17-1/2"	12 lbs.	16-3/4 lbs.
6095 With Controlled Start	5000	7"/9"	120*	15.0	3.5	5/8"-11	17-1/2"	12 lbs.	16-3/4 lbs.
6096 With Controlled Start	6000	7"/9"	120*	15.0	3.5	5/8"-11	17-1/2"	12 lbs.	16-3/4 lbs.

* For DC Voltage, tool operates without controlled start feature.

STANDARD EQUIPMENT: For 6065, 6066, 6095, 6096. Side Handle, Flange and Rubber Washer only. Order all other accessories separately.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY 15 AMP GRINDER *

*** NO. 6098 GRINDER IS NOT RECOMMENDED FOR SANDING.**

FOR SUPER FAST GRINDING...8000 rpm!

FEATURES

- **HEAVY-DUTY ALUMINUM GEAR CASE AND MOTOR HOUSING**
- **SPIRAL BEVEL GEARING** For Smoother operation and longer tool life.
- **SPINDLE BEARING**—double sealed to prevent dust contamination in heaviest use.
- **REMOVABLE VENT COVER PERMITS INSPECTION OF BRUSHES AND COMMUTATOR**
- **SELF-STOPPING LONG LIFE BRUSHES**—Stops tool when brushes are worn—prevents damage to commutator. Brushes are externally accessible for quick replacement without disassembly of sander.
- **REMOVABLE ARMATURE PINION**
- **NEW IMPROVED FAN**—for cooler running motor.
- **BALL BEARING MOUNTED ARMATURE** dynamically balanced and vibration free.
- **ALL BALL AND ROLLER BEARINGS**
- **LARGE FLANGE REVERSIBLE SIDE HANDLE** Right or left handed operation.
- **RECESSED SPINDLE LOCK BUTTON**—Easily replaceable.
- **HEAVY-DUTY IMPACT RESISTANT URETHANE TOOL REST**
- **RUBBER SPINDLE WASHER** for easy wheel removal—prevents wheels from freezing on spindle.

POWERFUL 3.5 HP *plus* CONTROLLED START *

6098
7" DIA.
15 AMP
8000 RPM

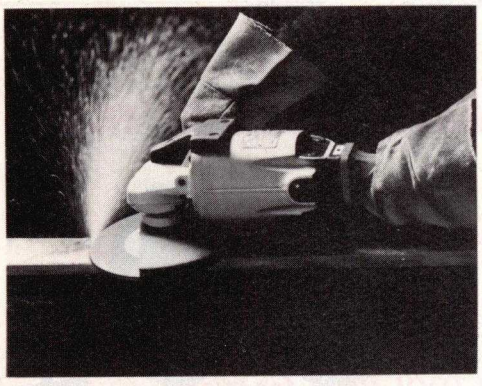
*** CONTROLLED START...Drastically reduces Torque Reaction when starting tool...extends gear, brush and motor life.**

LINE LOCK-OUT FEATURE...

Prevents tool from operating should current be restored to an interrupted line when switch is locked in the on position.

Not available in Canada

GRINDING WHEEL NOT INCLUDED...SELECT GRINDING ACCESSORIES FROM PAGES 86, 87.



STEEL CARRYING CASE
NO. 48-55-0890

TYPE "G" GREASE 1 lb. can
NO. 49-08-4140

SPECIFICATIONS

CATALOG NUMBER	SPEED RPM	DISC DIAMETER	VOLTS AC-DC	AMPS	MAXIMUM MOTOR POWER OUTPUT H.P.	SPINDLE THREAD SIZE	LENGTH LESS DISC	NET WEIGHT	SHIPPING WEIGHT
6098	8000	7"	120*	15.0	3.5	5/8"-11	17-1/2"	12-3/4 lbs.	17-1/2 lbs.

* For DC Voltage, tool operates without controlled start feature.

STANDARD EQUIPMENT: Side Handle, Flange, Rubber Washer, Guard and mounting hardware.

HEAVY-DUTY 13 AMP SANDERS■

POWERFUL **SMOOTH RUNNING** **ALL BALL BEARINGS**

■ *MILWAUKEE SANDERS MAY BE CONVERTED TO GRINDERS BY USING THE PROPER WHEEL GUARD FOR GRINDING OPERATIONS. SEE PAGES 86 AND 87 FOR ASSEMBLIES, WHEEL GUARDS AND ACCESSORIES.*

FEATURES FOR MODELS 6072, 6075

LIGHTWEIGHT—ONLY 9-1/4 LBS.

- **SPIRAL BEVEL GEARING**
- **REPLACEABLE ARMATURE PINION**
- **LOW PROFILE DESIGN** facilitates sanding in confined areas.
- **GLASS FILLED NYLON MOTOR HOUSING** non-conductive
  Lighter, cooler, more comfortable
- **REVERSIBLE SIDE HANDLE**
- **HEAVY-DUTY SWITCH**
- **RECESSED SPINDLE LOCK BUTTON**
- **BALL BEARING MOUNTED ARMATURE** is dynamically balanced and vibration free.
- **SELF-STOPPING LONG LIFE BRUSH SYSTEM** stops tool when brushes are worn—prevents damage to commutator. External brush holders permit inspection and replacement of brushes without disassembly of sanders.
- **SMOOTH RUNNING** all ball bearings.
  Bearings and seals matched to armature speed.
- **HEAVY-DUTY URETHANE TOOL REST** for Model 6072 only.

6072
7"/9" DIA.
13 AMP
5000 RPM

NEW
6075
7" DIA.
13 AMP
6000 RPM

- ***NEW FAST SANDING MODEL NO. 6075***
- ***6000 RPM***
- ***DOUBLE INSULATED***

BUILT-IN TOOL REST for even LOWER PROFILE DESIGN facilitates sanding in confined areas.

TYPE "G" GREASE
1 lb. can
NO. 49-08-4140

STEEL CARRYING CASE
NO. 48-55-0890
For Models 6072 and 6075

SPECIFICATIONS

CATALOG NUMBER	SPEED RPM	DISC DIAMETER	VOLTS AC-DC	AMPS	MAXIMUM MOTOR POWER OUTPUT H.P.	SPINDLE THREAD SIZE	LENGTH LESS DISC	NET WEIGHT	SHIPPING WEIGHT
6072	5000	7"/9"	120	13.0	2.25	5/8"-11	17"	9-1/4 lbs.	12 lbs.
6075	6000	7"	120	13.0	2.25	5/8"-11	17"	9-1/4 lbs.	12 lbs.

STANDARD EQUIPMENT: Side Handle, Flange and Rubber Washer only. Order all other accessories separately.

SEE PAGE 85 for: Sanding Discs, Backing Pad Assemblies, Sanding Disc Trimmer

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY SANDER ACCESSORIES

BACKING PAD ASSEMBLIES

Light, perfectly balanced assemblies provide flexibility for curves and contours. Abrasive discs can be trimmed down to the next smaller diameter to be used with smaller backing discs, affording greater economy.

SPIRAL DESIGN BACKING PAD *AIR COOLED...IDEAL FOR ALL SANDING OPERATIONS ON METAL, PLASTIC, FIBERGLASS, ETC.*

SPIRAL DESIGN PAD ASSEMBLY

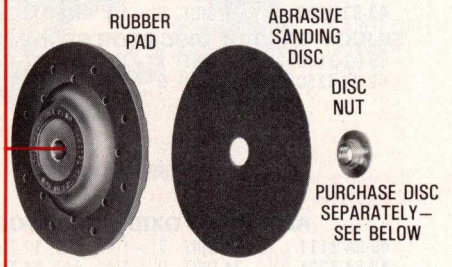
COMPLETE ASSEMBLY INCLUDES RUBBER PAD AND DISC NUT

Does Not Include Abrasive Sanding Disc

NO. 49-36-3800	7" DIA.	MAX. SPEED 7500 RPM
NO. 49-36-3850	9" DIA.	MAX. SPEED 6000 RPM

DISC NUT ONLY

NO. 49-40-0360



RUBBER PAD ASSEMBLY

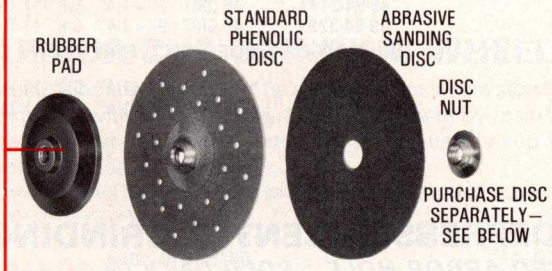
COMPLETE ASSEMBLY INCLUDES RUBBER PAD AND DISC NUT

Does Not Include Abrasive Sanding Disc

NO. 49-36-3700	7" DIA.	MAX. SPEED 7500 RPM
NO. 49-36-3750	9" DIA.	MAX. SPEED 7000 RPM

DISC NUT ONLY

NO. 49-40-0360



STANDARD PHENOLIC DISC ASSEMBLIES

COMPLETE ASSEMBLY INCLUDES RUBBER PAD, DISC, AND DISC NUT

Does Not Include Abrasive Sanding Disc

NO. 49-36-6000	7" DIA.	MAX. SPEED 7000 RPM
NO. 49-36-6050	9" DIA.	MAX. SPEED 7000 RPM

PHENOLIC DISC ONLY

Must Be Used With Rubber Pad No. 49-36-3500

NO. 48-80-6000	7" DIA.	MAX. SPEED 7000 RPM
NO. 48-80-6050	9" DIA.	MAX. SPEED 7000 RPM

RUBBER PAD ONLY NO. 49-36-3500 MAX. SPEED 7000 RPM

DISC NUT ONLY NO. 49-40-0350

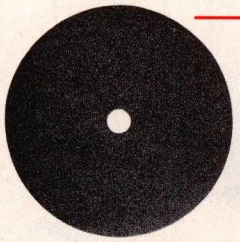
POLYPROPOLYNE PAD Includes Disc Nut

Does Not Include Abrasive Sanding Disc

NO. 49-36-3900	7" DIA.	MAX. SPEED 8000 RPM
NO. 49-36-3950	9" DIA.	MAX. SPEED 7500 RPM

DISC NUT ONLY

NO. 49-40-0360



ABRASIVE SANDING DISCS *PACKED AND SOLD ONLY IN BOXES OF 10*

Specially selected extra hard aluminum oxide grits are applied with plastic adhesive to rigid fiber backing for long life. Waterproof—can be dipped and scrubbed for re-use.

CATALOG NUMBER (10 PER BOX)		FOR 7" DIAMETER ASSEMBLIES	
NO. 48-80-2000	BOX OF 10	16 GRIT	MAX. SPEED 7000 RPM
NO. 48-80-2050		24 GRIT	MAX. SPEED 7000 RPM
NO. 48-80-2100		36 GRIT	MAX. SPEED 7000 RPM
NO. 48-80-2200		60 GRIT	MAX. SPEED 7000 RPM
NO. 48-80-2250		80 GRIT	MAX. SPEED 7000 RPM

CATALOG NUMBER (10 PER BOX)		FOR 9" DIAMETER ASSEMBLIES	
NO. 48-80-2500	BOX OF 10	16 GRIT	MAX. SPEED 7000 RPM
NO. 48-80-2550		24 GRIT	MAX. SPEED 7000 RPM
NO. 48-80-2600		36 GRIT	MAX. SPEED 7000 RPM
NO. 48-80-2700		60 GRIT	MAX. SPEED 7000 RPM
NO. 48-80-2750		80 GRIT	MAX. SPEED 7000 RPM

ABRASIVE SANDING DISC TRIMMER

INCREASE THE LIFE OF USED SANDING DISCS BY TRIMMING

NO. 49-80-1000 Abrasive Discs can be quickly cut down to smaller useable diameters to gain maximum service life. Center hole pilot is loosened by thumb screws; adjusted to the desired diameter and retightened in seconds. Place disc, abrasive side up, on center hole pilot, lower lever and turn handle clockwise to cut. Fast and easy!

REPLACEMENT CUTTER BLADES

NO. 49-80-1050 UPPER BLADE
NO. 49-80-1150 LOWER BLADE

SEE PAGES 86, 87 FOR GRINDER ACCESSORIES

HEAVY-DUTY GRINDER ACCESSORIES

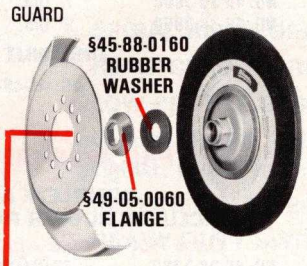
- *CAUTION: ALWAYS USE COMBINATIONS OF SAFETY ATTACHMENTS AS ILLUSTRATED*
- *WEAR SAFETY GOGGLES.* - *SAFETY GUARDS REQUIRED.*

NOTE: THE MAXIMUM SAFE OPERATING SPEED SHOWN ON THE GRINDING WHEELS MUST BE GREATER THAN THE NO LOAD SPEED OF THE TOOL.

FLAT REINFORCED GRINDING DISCS

Strong and tough. Nylon reinforced to resist breakage from twisting, starting torque or lateral pressure.

§ MILWAUKEE recommends Grinding Discs be used with rubber washer No. 45-88-0160 and flange No. 49-05-0060.



GUARD FOR FLAT REINFORCED GRINDING DISC

49-12-0350 Fits 7" Wheels
49-12-0340 Fits 9" Wheels

CATALOG NUMBER			MAX. SAFE SPEED RPM
ALUMINUM OXIDE DISCS FOR METAL			
49-93-3110	24 GRIT	7" × 1/4" 5/8"-11 Thd. Hub	8500
49-93-3230	24 GRIT	9" × 1/4" 5/8"-11 Thd. Hub	6500
49-93-3170	46 GRIT	7" × 1/4" 5/8"-11 Thd. Hub	8500
49-93-3290	46 GRIT	9" × 1/4" 5/8"-11 Thd. Hub	6500
SILICON CARBIDE DISCS FOR STONE OR CONCRETE			
49-93-3130	16 GRIT	7" × 1/4" 5/8"-11 Thd. Hub	8500
49-93-3250	16 GRIT	9" × 1/4" 5/8"-11 Thd. Hub	6500

(BOX OF 10)

CATALOG NUMBER (10 WHEELS PER BOX)				MAX. SAFE SPEED RPM
ALUMINUM OXIDE DISCS FOR METAL				
49-94-3111	BOX OF 10	24 GRIT	7" × 1/4" 5/8"-11 Thd. Hub	8500
49-94-3231		24 GRIT	9" × 1/4" 5/8"-11 Thd. Hub	6500
49-94-3171		46 GRIT	7" × 1/4" 5/8"-11 Thd. Hub	8500
49-94-3291		46 GRIT	9" × 1/4" 5/8"-11 Thd. Hub	6500
SILICON CARBIDE DISCS FOR STONE OR CONCRETE				
49-94-3131	BOX OF 10	16 GRIT	7" × 1/4" 5/8"-11 Thd. Hub	8500
49-94-3251		16 GRIT	9" × 1/4" 5/8"-11 Thd. Hub	6500

ECONOMICAL DEPRESSED CENTER GRINDING DISCS

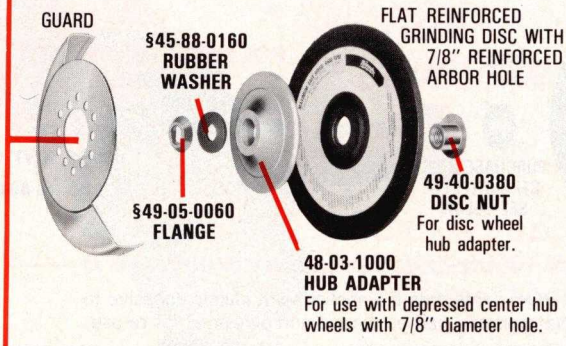
WITH 7/8" REINFORCED ARBOR HOLE...SOLD ONLY IN BOXES OF 10

The same high quality grinding disc as the flat reinforced disc above, but with 7/8" reinforced arbor hole. Use with guard, hub adaptor, and disc nut. Less expensive than disc with permanent mounted hub.

§ MILWAUKEE recommends Grinding Discs be used with rubber washer No. 45-88-0160 and flange No. 49-05-0060.

GUARD FOR FLAT REINFORCED GRINDING DISC

49-12-0350 Fits 7" Wheels
49-12-0340 Fits 9" Wheels



ALUMINUM OXIDE DISCS FOR METAL
GRINDING DISCS HAVE 7/8" REINFORCED ARBOR HOLE

CATALOG NUMBER (10 WHEELS PER BOX)				MAX. SAFE SPEED RPM
49-94-3112	BOX OF 10	24 GRIT	7" × 1/4"	8500
49-94-3232		24 GRIT	9" × 1/4"	6500
49-94-3172		46 GRIT	7" × 1/4"	8500
49-94-3292		46 GRIT	9" × 1/4"	6500

CURVED REINFORCED GRINDING DISCS

Nylon reinforced curved grinding discs for grinding welds. Contour shape permits easier accessibility to work surfaces.

§ MILWAUKEE recommends Grinding Discs be used with rubber washer No. 45-88-0160 and flange No. 49-05-0060.

GUARD FOR CURVED REINFORCED GRINDING DISC

49-12-0100 Fits 7" Grinder
49-12-0110 Fits 9" Grinder

CATALOG NUMBER			MAX. SAFE SPEED RPM
49-93-3120	24 GRIT	7" × 1/4" 5/8"-11 Thd. Hub	7750
49-93-3240	24 GRIT	9" × 1/4" 5/8"-11 Thd. Hub	6500
49-93-3180	46 GRIT	7" × 1/4" 5/8"-11 Thd. Hub	7750
49-93-3300	46 GRIT	9" × 1/4" 5/8"-11 Thd. Hub	6500

HEAVY-DUTY GRINDER ACCESSORIES

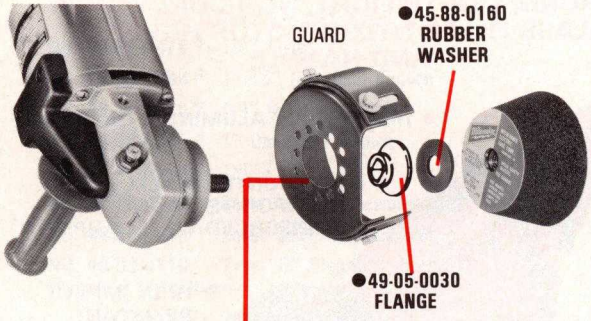
- *CAUTION: ALWAYS USE COMBINATIONS OF SAFETY ATTACHMENTS AS ILLUSTRATED.*
- *WEAR SAFETY GOGGLES.* - *SAFETY GUARDS REQUIRED.*

NOTE: THE MAXIMUM SAFE OPERATING SPEED SHOWN ON THE GRINDING WHEELS MUST BE GREATER THAN THE NO LOAD SPEED OF THE TOOL.

FLARED CUP GRINDING WHEELS•

Aluminum oxide for all general purpose metal grinding. Resinoid bonded. These wheels are fitted with 5/8"-11 threaded bushing molded integrally for ready mounting.

- For use on 13 and 15 amp Sanders. Skirt guard as well as flange, No. 49-05-0030 and rubber washer, No. 45-88-0160 must be used for proper installation of this accessory.



CATALOG NUMBER		MAX. SAFE SPEED RPM
49-93-5140	16 GRIT 4" DIA. FOR 7" GRINDERS 5/8"-11 Thd.	9000
49-93-5220	16 GRIT 5" DIA. FOR 9" GRINDERS 5/8"-11 Thd.	7200

ADJUSTABLE SKIRT GUARD FOR FLARED CUP GRINDING WHEELS

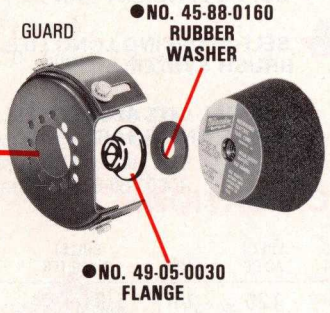
49-12-0062 *	For 4" Cup Wheel }	FLANGE INCLUDED
49-12-0072 *	For 5" Cup Wheel }	

* Previous models 6022, 6062, 6082, 6084, 6086, 6088, 6089, 6090, 6102 and 6104. Use 4" guard, No. 49-12-0061 or 5" guard, No. 49-12-0071.

ARMOR CUP GRINDING WHEELS•

Resinoid bonded. Special fine grit outer rim wears slowly...prevents rounded edges for high performance without distortion. Eliminates waste by maintaining a flat grinding surface even under the toughest conditions...provides longer usable cup life. 5/8"-11 threaded bushing integrally molded for easy mounting.

- For use on 13 and 15 amp sanders. Skirt guard as well as flange, No. 49-05-0030 and rubber washer, No. 45-88-0160 must be used for proper installation of this accessory.



CATALOG NUMBER		MAX. SAFE SPEED RPM
	ALUMINUM OXIDE ARMOR CUP FOR METAL	
49-93-5250	16/24 GRIT 4" DIA. FOR 7" GRIND. 5/8"-11 Thd.	9000
49-93-5270	16/24 GRIT 5" DIA. FOR 9" GRIND. 5/8"-11 Thd.	7200
	SILICON CARBIDE ARMOR-CUP FOR STONE OR CONCRETE	
49-93-5260	16/24 GRIT 4" DIA. FOR 7" GRIND. 5/8"-11 Thd.	9000
49-93-5280	16/24 GRIT 5" DIA. FOR 9" GRIND. 5/8"-11 Thd.	7200

ADJUSTABLE SKIRT GUARD FOR ARMOR-CUP GRINDING WHEELS

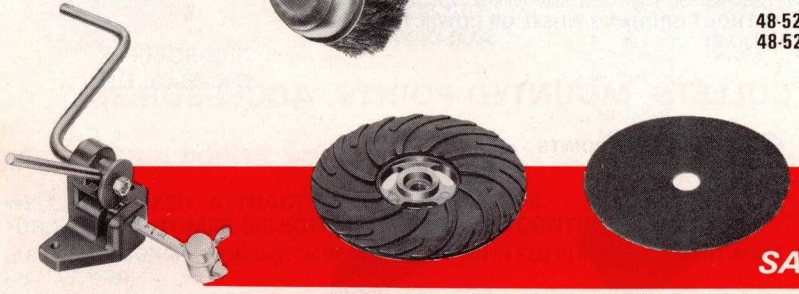
49-12-0062 *	For 4" Cup Wheel }	FLANGE INCLUDED
49-12-0072 *	For 5" Cup Wheel }	

* Previous models 6022, 6062, 6082, 6084, 6086, 6088, 6089, 6090, 6102 and 6104. Use 4" guard, No. 49-12-0061 or 5" guard, No. 49-12-0071.

CRIMPED or KNOT WIRE CUP BRUSHES

Finest quality crimped or knot wire brushes to give long service life on the toughest cleaning jobs. Ideally suited for cleaning castings, structural steel, sheet metal, stone and concrete.

CATALOG NUMBER			MAX. SAFE SPEED RPM
	4" DIAMETER FOR 7" GRINDERS		
48-52-1300	.020 Crimped Wire	5/8"-11 Thread	7000
48-52-1350	.020 Knot Wire	5/8"-11 Thread	7000
	6" DIAMETER FOR 9" GRINDERS		
48-52-1600	.020 Crimped Wire	5/8"-11 Thread	6000
48-52-1650	.014 Knot Wire	5/8"-11 Thread	6000



SEE PAGE 85 FOR SANDING DISC, BACKING PAD ASSEMBLIES SANDING DISC TRIMMER

HEAVY-DUTY DIE GRINDERS

POWERFUL **SMOOTH RUNNING** **ALL BALL AND ROLLER BEARINGS**

2" DIAMETER 4.5 AMP

5192 21,000 RPM

STRONG, LIGHTWEIGHT, NON-CONDUCTIVE GLASS FILLED NYLON MOTOR HOUSING

- HEAVY-DUTY ALUMINUM GEAR CASE—NEOPRENE COATED
- FOR MOUNTED WHEELS AND POINTS UP TO 1-5/8" REINFORCED WHEELS UP TO 2"
- ARMATURE IS DYNAMICALLY BALANCED FOR SMOOTH EFFICIENT OPERATION
- ALL BALL AND ROLLER BEARINGS
- HEAVY-DUTY MILWAUKEE-BUILT MOTORS
- SUPER EFFICIENT FAN
- SELF-STOPPING LONG LIFE BRUSH SYSTEM
- SWITCH IS CONVENIENTLY MOUNTED FOR ONE HAND OPERATION

SPECIFICATIONS

CATALOG NUMBER	VOLTS AC-DC	AMPS	COLLET DIAMETER	MAX. GRINDING WHEEL DIA. ■ REINFORCED ORGANIC	MAX. GRINDING WHEEL DIA. ■ NON-REINFORCED
5192	120	4.5	1/8†-1/4‡	2"	1-5/8"

NO LOAD RPM	LENGTH	NET WGT. LBS.	SHP. WGT. LBS.
21,000	13-1/2	4-1/2	4-3/4

† Available as accessory only
‡ Standard equipment

2" DIAMETER 11 AMP

5196 14,500 RPM

STRONG, LIGHTWEIGHT, NON-CONDUCTIVE GLASS FILLED NYLON MOTOR HOUSING AND HANDLE

- HEAVY-DUTY ALUMINUM GEAR CASE
- FOR MOUNTED WHEELS AND POINTS UP TO 2" REINFORCED WHEELS UP TO 2"
- HIGH IMPACT RESISTANT URETHANE TOOL REST
- REMOVABLE ARMATURE PINION
- HEAVY-DUTY MILWAUKEE-BUILT MOTORS
- BALL BEARING MOUNTED ARMATURE
- SUPER EFFICIENT FAN
- SELF-STOPPING LONG LIFE BRUSH SYSTEM
- HELICAL-CUT ALLOY STEEL GEARS AND SHAFT

SPECIFICATIONS

CATALOG NUMBER	VOLTS AC-DC	AMPS	COLLET DIAMETER	MAX. GRINDING WHEEL DIA. ■ REINFORCED ORGANIC	MAX. GRINDING WHEEL DIA. ■ NON-REINFORCED
5196	120	11	1/8†-1/4‡	2"	2"

NO LOAD RPM	LENGTH	NET WGT. LBS.	SHP. WGT. LBS.
14,500	21-1/2	7-3/4	8-3/4

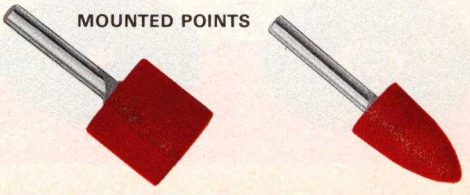
† Available as accessory only
‡ Standard equipment

■ ***SAFETY NOTE:*** *This Grinder is not supplied with grinding wheel. Before using any grinding wheel be sure speed shown for that wheel is greater than the no load speed of the tool. Tables of maximum operating speeds for mounted wheels are included in the instructions packed with each new grinder.* ***CAUTION:*** NEVER OPERATE TOOL WITHOUT GRINDING WHEEL OR DOWEL PROPERLY SECURED IN ITS COLLET.

SEE FOLLOWING PAGE 89 FOR COLLETS, MOUNTED POINTS, ACCESSORIES

COLLET

MOUNTED POINTS



MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY DIE GRINDER ACCESSORIES

ACCESSORIES

FOR DIE GRINDER MODEL 5192

NO. 48-66-0975 * 1/4" Collet
NO. 49-96-4090 * 11/16" Open End Wrench
NO. 49-96-4040 * 1/2" Open End Wrench
NO. 48-66-0965 1/8" Collet
NO. 49-08-4110 Type "D" Grease, 1 lb. can
* Included as Standard Equipment.

FOR DIE GRINDER NO. 5196

NO. 48-66-0975 * 1/4" Collet
NO. 49-96-4090 * 11/16" Open End Wrench
NO. 49-96-4040 * 1/2" Open End Wrench
NO. 49-96-4075 * 1" Open End Wrench
NO. 48-66-0965 1/8" Collet
NO. 48-68-0030 Collet Nut—Replacement
NO. 48-68-0040 Collet Body—Replacement
NO. 49-08-4110 Type "D" Grease, 1 lb. can
* Included as Standard Equipment.

FOR PREVIOUS MODEL 5195

With Serial Numbers below 525-10500

NO. 48-66-0970 * 1/4" Collet
NO. 49-96-4040 * 1/2" Open End Wrench
NO. 49-96-4065 * 5/8" Open End Wrench
NO. 49-96-4075 * 1" Open End Wrench
NO. 48-66-0960 1/8" Collet
NO. 49-08-4110 Type "D" Grease, 1 lb. can
* Included as Standard Equipment.

With Serial Numbers above 525-10500

NO. 48-66-0965 1/8" Collet
NO. 48-66-0975 * 1/4" Collet
NO. 49-96-4090 * 11/16" Wrench
NO. 49-08-4110 Type "D" Grease, 1 lb. can
* Included as Standard Equipment.

COLLET ASSEMBLY **NO. 48-66-2090**
To convert model 5195 with serial nos. below 525-10500 to new collet system. Includes collet body (48-68-0040) and nut (48-68-0030) order collet separately.

7-1/2" W
× 7" D
× 4-1/2" H
3-1/2" Header

23 PIECE SET
NO. 49-95-0005

11-1/4" W
× 10-1/2" D
× 3-3/8" H
7" Header

50 PIECE SET
NO. 49-95-0006

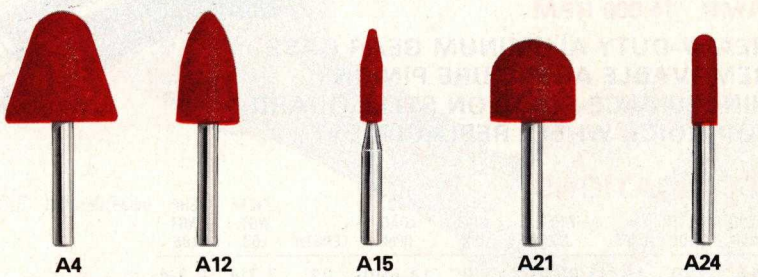
DIE GRINDING POINTS

"GENERAL PURPOSE" 1/4" × 1-1/2" MANDRELS

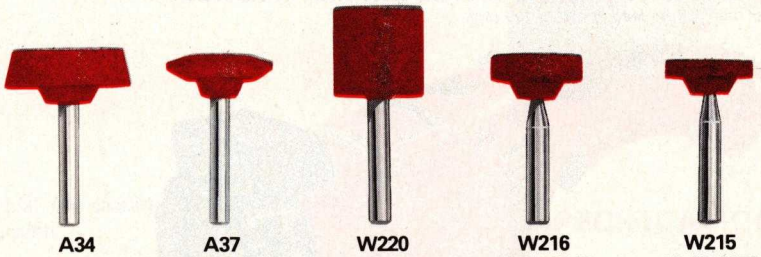
For finish Grinding, De-Burring, Chamfering and Sharpening

25 MOUNTED POINTS PER BOX

A1 49-95-0010 | **A3** 49-95-0020 | **A11** 49-95-0030 | **W222** 49-95-0040 | **W242** 49-95-0050



A4 49-95-0060 | **A12** 49-95-0070 | **A15** 49-95-0080 | **A21** 49-95-0090 | **A24** 49-95-0100

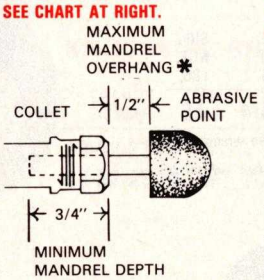


A34 49-95-0110 | **A37** 49-95-0120 | **W220** 49-95-0130 | **W216** 49-95-0140 | **W215** 49-95-0150

When using MILWAUKEE Die Grinder No. 5196, Mounted Point maximum speed (RPM) must be greater than 15,950 RPM.

When using MILWAUKEE Die Grinder No. 5192, Mounted Point maximum speed (RPM) must be greater than 23,100 RPM.

SEE CHART AT RIGHT.



25 MOUNTED POINTS PER BOX

SHAPE	CATALOG NUMBER	DIAMETER	THICKNESS	MAXIMUM SPEED (RPM) OVERHANG * 1/2"
A1	49-95-0010	3/4"	2-1/2"	19,800
A3	49-95-0020	1"	2-3/4"	16,100
A11	49-95-0030	7/8"	2"	19,860
W222	49-95-0040	1"	2"	15,950
W242	49-95-0050	2"	1"	19,100
A4	49-95-0060	1-1/4"	1-1/4"	30,560
A12	49-95-0070	11/16"	1-1/4"	48,000
A15	49-95-0080	1/4"	1-1/6"	72,750
A21	49-95-0090	1"	1"	34,500
A24	49-95-0100	1/4"	3/4"	76,500
A34	49-95-0110	1-1/2"	3/8"	25,470
A37	49-95-0120	1-1/4"	1/4"	30,560
W220	49-95-0130	1"	1"	25,500
W216	49-95-0140	1"	1/4"	38,200
W215	49-95-0150	1"	1/8"	38,200

* **OVERHANG**—the distance, on the mandrel, between the bottom of the abrasive and the top of the collet.

DIE GRINDING POINTS MERCHANDISERS

WELL ORGANIZED, ATTRACTIVE VISUAL DISPLAYS FOR FAST CUSTOMER SELECTION...INVENTORY CONTROL

23 PIECE SET CONSISTS OF: 5 EACH OF POINTS SHOWN IN RED IN CHART AT RIGHT AND 3 ONLY OF W242.

50 PIECE SET CONSISTS OF: 5 EACH OF POINTS SHOWN IN BLACK IN CHART AT RIGHT.

HEAVY-DUTY STRAIGHT GRINDERS

STRONG, LIGHTWEIGHT, NON-CONDUCTIVE GLASS FILLED NYLON MOTOR HOUSING AND HANDLE

- HIGH IMPACT RESISTANT URETHANE TOOL REST
- BALL BEARING MOUNTED ARMATURE
- HEAVY-DUTY MILWAUKEE BUILT MOTORS
- SELF-STOPPING, LONG LIFE BRUSH SYSTEM
- SUPER EFFICIENT FAN
- HARDENED HELICAL-CUT ALLOY STEEL GEARS AND SHAFT
- COATED SPINDLE HOUSING FOR COOL GRIPPING SURFACE

5211 3" DIA.

11 AMP 14,500 RPM

- HEAVY-DUTY ALUMINUM GEAR CASE
- REMOVABLE ARMATURE PINION
- HINGED FACE PLATE ON STEEL GUARD FOR QUICK WHEEL REPLACEMENT

SPECIFICATIONS

CATALOG NUMBER	VOLTS AC-DC	AMPS	WHEEL SIZE	HOLE DIA.	NO LOAD RPM	LENGTH	NET WGT. LBS.	SHP. WGT. LBS.
5211	120	11	1/2" × 3"	3/8"	14,500	21	7-3/4	8-3/4

NOTE: Before using any grinding wheel be sure speed shown for that wheel is greater than the no load speed of the tool.

ACCESSORIES FOR MODEL 5211

49-96-4050 *	9/16" Open End Wrench
49-96-4075 *	1" Open End Wrench
49-12-0280 *	Wheel Guard Assembly
49-92-0500 *	36 Grit Aluminum Oxide Wheel, 1/2" × 3" × 3/8"
49-08-4110	Type "D" Grease, 1 lb. can
49-92-0510	60 Grit Aluminum Oxide Wheel, 1/2" × 3" × 3/8"

* Included as Standard Equipment.

ACCESSORIES FOR PREVIOUS MODEL 5210

49-96-4050 *	9/16" Open End Wrench
49-96-4075 *	1" Open End Wrench
49-92-0200	60 Grit Aluminum Oxide Wheel, 1/2" × 2-1/2" × 3/8"
49-92-0250 *	36 Grit Aluminum Oxide Wheel, 1/2" × 2-1/2" × 3/8"
49-12-0280 *	Wheel Guard Assembly
49-08-4110	Type "D" Grease, 1 lb. can

* Included as Standard Equipment.

5223 5" DIA.

12 AMP 7000 RPM

- ***FAST EASY WHEEL CHANGE with new steel guard without faceplate***

SPECIFICATIONS

CATALOG NUMBER	VOLTS AC-DC	AMPS	MAX. WHEEL DIA.	HOLE DIA.	NO LOAD RPM	LENGTH (INCHES)	NET WGT. LBS.	SHP. WGT. LBS.
5223	120	12	5"	5/8"	7000	20	10-1/4	16

STANDARD EQUIPMENT: Includes one 24 grit grinding wheel, wheel guard and two wrenches.

NOTE: Before using any grinding wheel be sure speed shown for that wheel is greater than the no load speed of the tool.

1-1/16" OPEN END WRENCH
NO. 49-96-4072

WHEEL GUARD
NO. 49-12-0290

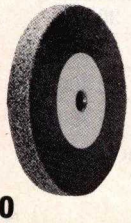
TYPE "G" GREASE
NO. 49-08-4140 1 lb. can

SPANNER WRENCH
NO. 49-96-6600

CLOTH BUFFING WHEEL

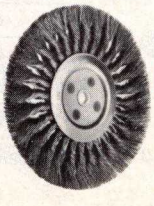
For polishing and buffing metal surfaces. When coated with abrasive, can be used for smooth finish grinding or rough polishing.

CATALOG NUMBER	DIA. INS.	HOLE DIA.
49-93-0070	5	5/8"



COARSE GRIT GRINDING WHEEL

CATALOG NUMBER	SIZE INS.	HOLE DIA.	MAX. WHEEL SPEED
49-92-2240	5 × 1	5/8"	7200



KNOT WIRE BRUSH

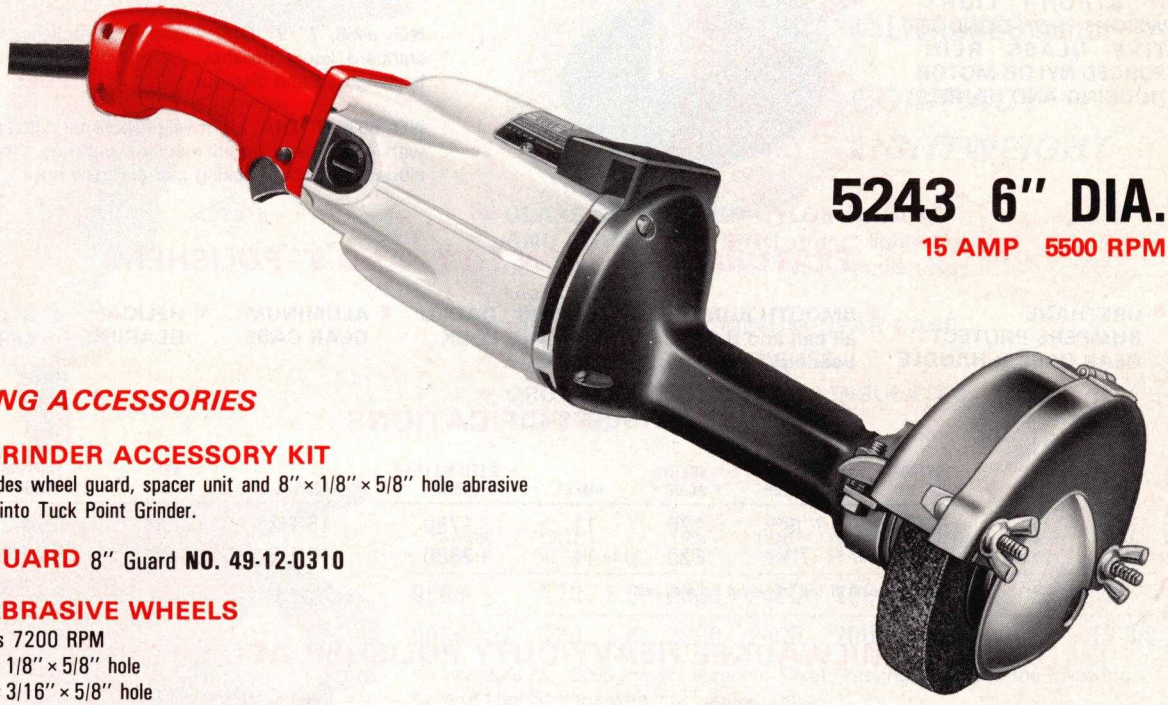
CATALOG NUMBER	DIA. INS.	HOLE DIAMETER	WIRE SIZE	MAX. WHEEL SPEED
48-52-2310	5	5/8"	.014	8000

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY STRAIGHT GRINDER

STRONG, LIGHTWEIGHT, NON-CONDUCTIVE GLASS FILLED NYLON HANDLE AND INSULATED SPINDLE HOUSING

- HIGH IMPACT RESISTANT URETHANE TOOL REST
- LIGHTWEIGHT ALUMINUM ALLOY HOUSING
- HEAVY-DUTY MILWAUKEE-BUILT MOTORS
- HELICAL-CUT ALLOY STEEL GEARS AND SHAFT
- HINGED FACE PLATE ON STEEL GUARD FOR QUICK WHEEL REPLACEMENT



5243 6" DIA.

15 AMP 5500 RPM

TUCK POINTING ACCESSORIES

TUCK POINT GRINDER ACCESSORY KIT

NO. 49-22-6055 Includes wheel guard, spacer unit and 8" × 1/8" × 5/8" hole abrasive wheel. Converts 5243 into Tuck Point Grinder.

TUCK POINT GUARD 8" Guard **NO. 49-12-0310**

TUCK POINT ABRASIVE WHEELS

Maximum Wheel Speeds 7200 RPM

NO. 49-92-5020 8" × 1/8" × 5/8" hole
NO. 49-92-5040 8" × 3/16" × 5/8" hole
NO. 49-92-5060 8" × 1/4" × 5/8" hole

TUCK POINT GRINDER ACCESSORY KIT

NO. 49-22-6050 Includes wheel guard, spacer unit and 8" × 1/8" × 5/8" hole abrasive wheel. Converts previous models 5220 and 5240 into Tuck Point Grinders.

SPECIFICATIONS

CATALOG NUMBER	VOLTS AC-DC	AMPS	MAX. WHEEL DIA.	HOLE DIA.	SPEED NO LOAD (RPM)	LENGTH INCHES	NET WGT. LBS.	SHP. WGT. LBS.
5243★	120	15	6"	5/8"	5500	22	16-1/2	22

★ Available in 240 Volts AC-DC. Add -2 after Catalog Number when ordering. See price sheet. Not available in Canada.

STANDARD EQUIPMENT: Equipped with adjustable steel wheel guard and coarse grinding wheel. Hinged face plate.

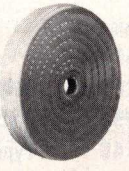
NOTE: The maximum safe operating speed shown on grinding wheels and tuck point abrasive wheels must be greater than the no load speed of the tool.

COARSE GRIT GRINDING WHEELS

CATALOG NUMBER	SIZE INS.	HOLE DIA.	MAX. WHEEL SPEED
49-92-2240	5 × 1	5/8"	7200
49-92-3260	6 × 1	5/8"	6000

KNOT WIRE BRUSHES

CATALOG NUMBER	DIA. INS.	HOLE DIAMETER	WIRE SIZE	MAX. WHEEL SPEED
48-52-2310	5	5/8"	.014	8000
48-52-2510	6	1/2"-5/8"	.014	8000



CLOTH BUFFING WHEELS

For polishing and buffing metal surfaces. When coated with abrasive, can be used for smooth finish grinding or rough polishing.

CATALOG NUMBER	DIA. INS.	HOLE DIA.
49-93-0070	5	5/8"
49-93-0090	6	5/8"

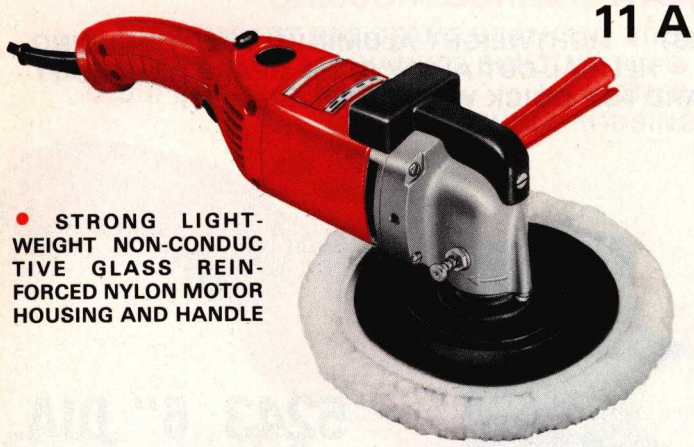
TYPE "G" GREASE **NO. 49-08-4140** 1 lb. can

6" WHEEL GUARD ASSEMBLY For No. 5243 Grinder **NO. 49-12-0160**
5" WHEEL GUARD ASSEMBLY For No. 5220 Grinder **NO. 49-12-0140**
6" WHEEL GUARD ASSEMBLY For No. 5240 Grinder **NO. 49-12-0150**

HEAVY-DUTY POLISHERS

BALANCED POWERFUL RUGGED

11 AMPS



- **STRONG LIGHT-WEIGHT NON-CONDUCTIVE GLASS REINFORCED NYLON MOTOR HOUSING AND HANDLE**

7"/9" 5455 1750 RPM

7" 5535 2800 RPM

NO. 5455, 7"/9" DIA. Lightweight polisher, 1750 RPM used with standard liquid polishes. Standard equipment includes 7" rubber backing pad and disc nut.

NO. 5535, 7" DIA. Lightweight polisher, 2800 RPM for exclusive use with high speed liquid machine polishes. Standard equipment includes 7" rubber backing pad and disc nut.

FEATURES COMMON TO 7" AND 9" POLISHERS

- **URETHANE BUMPERS PROTECT GEAR CASE & HANDLE**
- **SMOOTH RUNNING** all ball and roller bearings
- **SPRING LOADED SPINDLE LOCK**
- **ALUMINUM GEAR CASE**
- **HELICAL GEARING**
- **SELF-STOPPING LONG LIFE BRUSH SYSTEM**

SPECIFICATIONS

CATALOG NUMBER	PAD DIAMETER	VOLTS AC/DC	AMPS	SPEED NO LOAD (RPM)	LENGTH +	NET WEIGHT	SHIPPING WEIGHT
5455	7"/9"	120	11	1750	16-1/2	8-3/4	15-1/2
5535	7"	120	11	2800	16-1/2	8-3/4	15-1/2

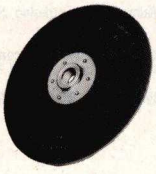
+ Over-all length of tool only — not including pad.

MILWAUKEE HEAVY-DUTY POLISHER ACCESSORIES

BONNET CLEANING TOOL

NO. 49-80-0050

Quickly fluffs, cleans, buffing pads and bonnets while pads are rotating. Removes glazed surface and loosens packed wool to prolong life. Shp. Wt. 1 lb.



CATALOG NUMBER	DESCRIPTION
49-36-2500	7" dia. Molded Rubber Backing Pad
49-36-2200	8-1/2" dia. Molded Rubber Backing Pad
49-40-0390	Disc Nut
49-08-4140	Type "G" Grease 1 lb. Can

100% WOOLEN YARN POLISHING PADS

RECOMMENDED FOR ALL TYPES OF COMPOUNDING, BLENDING AND POLISHING

CATALOG NUMBER	DESCRIPTION	DIAMETER	DEPTH OF PILE
49-36-1450	CURVED POLISHING PAD	7-1/2"	1-1/2"
49-36-1455	POLISHING PAD	7-1/2"	2" *
49-36-1600	POLISHING PAD	9"	1-1/2"

* The 2" pile height adds extra density and will outlast any woolen yarn pad on the market. It is more economical to use because of its long life.

BLENDED WOVEN WOOL PADS AND BONNETS

RECOMMENDED FOR HIGH GLOSS FINISHING

CATALOG NUMBER	DESCRIPTION	DIAMETER	DEPTH OF PILE
49-36-0500	CURVED LAMBSWOOL PAD	7-1/2"	1-1/2"
48-48-0500	LAMBSWOOL BONNET	7"	1-1/2"
49-36-0700	LAMBSWOOL PAD	9"	1-1/2"
48-48-1000	LAMBSWOOL BONNET	9"	1-1/2"

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY IMPACT WRENCH

WITH BALL DETENT 1/2" SQUARE DRIVE

9065
1/2" SQUARE DRIVE

HEAVY-DUTY ROCKER SWITCH

FAST *2800 IMPACTS PER MIN.*
200 FT.-LBS. TORQUE
for heavy-duty industrial applications.

POWERFUL *6.8 AMP*
MILWAUKEE motor

BALANCED *COMPACT LIGHTWEIGHT*

- **GLASS REINFORCED NYLON HANDLE AND MOTOR HOUSING** strong, lightweight, non-conductive. Textured nylon handle helps keep grip cool.
- **HEAVY-DUTY ALUMINUM GEAR CASE**
- **EASY ACCESS TO BRUSHES**
- **GROUNDED WITH DOUBLE INSULATED CONSTRUCTION**

9069
1/2" SQUARE DRIVE KIT

SPECIFICATIONS

CATALOG NUMBER	VOLTS AC-DC	AMPS	IMPACTS PER MIN.	NO LOAD RPM	TORQUE FT.-LBS.	LENGTH (INS.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
9065	120	6.8	2800	2400	200	9-15/16	6	7
9069 KIT	120	6.8	2800	2400	200	9-15/16	13	13-3/4

Kit contains No. 9065 Impact Wrench, Steel Carrying Case and the following sizes of Hex Sockets with 1/2" square drive.

NO. 49-66-3080	**1/2"**
NO. 49-66-3090	**9/16"**
NO. 49-66-3100	**5/8"**
NO. 49-66-3110	**11/16"**
NO. 49-66-3120	**3/4"**
NO. 49-66-3130	**13/16"**

SOCKETS ALSO SOLD SEPARATELY

STEEL CARRYING CASE ONLY
Without tool or accessories.
NO. 48-55-5010

1/2" SQUARE DRIVE IMPACT WRENCH ACCESSORIES

QUICK CHANGE CHUCK **NO. 48-66-0060**
Used with 7/16" Socket Driver and Magnetic Sockets.

7/16" SOCKET DRIVER AND MAGNETIC SOCKETS
For hex head screws and TEKS®

NO. 48-32-2510	**SOCKET DRIVER**
NO. 49-66-3170	**5/16" SOCKET**
NO. 49-66-3180	**3/8" SOCKET**
NO. 49-66-3190	**7/16" SOCKET**

TEKS® registered trademark of Illinois Tool Works, Inc.

POSITIVE DETENT KIT
NO. 49-17-0400
Replaces standard round detent pin on square drive. Socket will not slip off unless detent pin is pressed in.

UNIVERSAL JOINT **NO. 48-03-0500**
Fits 1/2" Square Drive and used with Hex Sockets to reach difficult places at various angles...also allows clearance around obstructions.

TOOL HANGER **NO. 49-17-0230**
For Impact Wrench model 9065.

EXTENSION BAR **NO. 48-95-5000**
Adapts to 1/2" Square Drive. Provides 5" additional length where required for use with sockets.

PROTECTIVE RUBBER RINGS
BUMPER KIT **NO. 48-50-1000**
Protective Rubber Rings for Impact Wrench No. 9065.

TYPE "A" GREASE
NO. 49-08-0800
1 lb. can

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY SPECIAL SCREW-SHOOTERS

FOR DRIVING SELF-DRILLING, SELF-TAPPING TEKS® FASTENERS

TEKS® registered trademark of Illinois Tool Works, Inc.

ALL BALL AND ROLLER BEARINGS

- **POSITIVE DRIVE CLUTCH**
  Engages when pressure is applied. Driving action stops and clutch disengages when pressure is released or when locator contacts work surface. Depth control is adjustable in increments of 1/64" from outside of tool.
- **NON-MARRING LOCATORS**
- **CONVENIENT REVERSING SWITCH**
- **POWERFUL MILWAUKEE 4.5 AMP MOTOR**

6798-1 REVERSING...TRIGGER SPEED CONTROL 0-2500 RPM

CAPACITY: 1/4" SCREW IN 3/16" COLD ROLLED STEEL OR NO. 12 SCREW IN 1/2" COLD ROLLED STEEL.

CATALOG NUMBER	VOLTS AC ONLY	AMPS	RPM NO LOAD	BIT SHANK SIZE	SPINDLE OFFSET	LGTH. (IN.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
6798-1 REV.	120	4.5	0-2500	1/4" Hex	3/4"	9-1/2	3-3/4	7

"REV." after Cat. No. indicates reversing type motor. Equipped with lockable trigger switch.
STANDARD EQUIPMENT: 5/16" Hex One Piece Socket Extension and 1/4", 5/16", 3/8" and 7/16" Locators.

DEEP CORRUGATION KIT AVAILABLE—SEE PAGE 97
CARRYING CASE, HOLSTER, GREASE AVAILABLE—SEE PAGE 97

BIT HOUSING & LOCATORS FOR 6798-1 POSITIVE DRIVE

HEX HEAD SCREWS—USING SOCKET & DRIVER

RED CATALOG NOS. ARE STANDARD EQUIP.

HEX SIZE	BIT HOUSING	LOCATOR ASSEMBLY	SOCKET DRIVER	MAGNETIC SOCKET
1/4"	48-32-2500	49-26-0250	1/4" Sq. x 2" Long 48-32-2050	49-66-3000
5/16"		49-26-0312		49-66-3010
3/8"		49-26-0375		49-66-3020
7/16"		49-26-0600		49-66-3030

HEX HEAD SCREWS—USING ONE PIECE EXTENSIONS

HEX SIZE	BIT HOUSING	LOCATOR ASSEMBLY	SOCKET EXT-MAGNETIC
1/4"	48-32-2500	49-26-0250	49-66-3006
5/16"		49-26-0312	49-66-3016
3/8"		49-26-0375	49-66-3026

PHILLIPS, POSIDRIV® AND ROBERTSON SCREWS

TYPE OF SET-UP	BIT HOUSING	LOCATOR ASSEMBLY	BIT HOLDER	INSERT BITS◆
Magnetic	48-32-2500	49-26-1040	48-32-3025	Select Bits with Key Letters T, U, or W from Page 100.
Non-Magnetic		49-26-0250	48-32-3050	

NOTE: For Slotted, Frearson and Clutch Head Screws, use accessories as shown for Model 6543-1, Page 99.

FOR NO-HUB APPLICATIONS SET TORQUE AT 60 INCH-LBS.

- **SIMPLIFIED ADJUSTABLE TORQUE RELEASE CLUTCH**
  Torque output is easily changed externally by turning adjusting ring. Locking collar positively holds setting. Clutch disengages and driving action stops when preset torque is reached.
- **ADJUSTABLE TORQUE**
- **CONVENIENT REVERSING SWITCH**
- **POWERFUL MILWAUKEE 4.5 AMP MOTOR**

6783-1 REVERSING...TRIGGER SPEED CONTROL 0-2500 RPM EXCLUSIVE BIT GUIDES

CAPACITY: 1/4" SCREW IN 3/16" COLD ROLLED STEEL OR NO. 12 SCREW IN 1/2" COLD ROLLED STEEL

CATALOG NUMBER	VOLTS AC ONLY	AMPS	RPM NO LOAD	BIT SHANK SIZE	SPINDLE OFFSET	LGTH. (IN.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
6783-1 REV.	120	4.5	0-2500	1/4" Hex	3/4"	10-1/4	4-1/2	8

"REV." after Cat. No. indicates reversing type motor. Equipped with lockable trigger switch.
STANDARD EQUIPMENT: 5/16" Hex Socket Extension and 1/4", 5/16" and 3/8" Bit Guides.

CARRYING CASE, HOLSTER, GREASE AVAILABLE—SEE PAGE 97

BIT GUIDES FOR 6783-1 ADJUSTABLE TORQUE

HEX HEAD SCREWS—USING ONE PIECE EXTENSION

RED CATALOG NOS. ARE STANDARD EQUIPMENT

HEX SIZE	BIT GUIDE	MAGNETIC EXTENSION	NON-MAG. EXTENSION
1/4"	48-32-0250	49-66-3006	
5/16"	48-32-0312	49-66-3016	49-66-3015
3/8"	48-32-0375	49-66-3026	

HEX HEAD SCREWS—USING SOCKET & DRIVER

HEX SIZE	BIT GUIDE	SOCKET DRIVER	MAGNETIC SOCKET
1/4"	48-32-0250	1/4" Sq. × 2" Long 48-32-2050	49-66-3000
5/16"	48-32-0312		49-66-3010
3/8"	48-32-0375		49-66-3020

PHILLIPS, POSIDRIV® FREARSON, ROBERTSON

TYPE OF SET-UP	BIT GUIDE	BIT HOLDER	INSERT BITS◆
Magnetic	48-32-0608	48-32-3025	Select any Insert Bit from Page 100.
Non-Magnetic	48-32-0250	48-32-3050	

NOTE: For Slotted Screws and Hex Nuts, use accessories as shown for Model 6583-1 on Page 99.

◆ Bulk packages of 1" long Phillips Insert Bits are available in quantities of 25 and 50. See page 100.

FOR COMPLETE BIT AND SOCKET ILLUSTRATIONS—SPECIFICATIONS—SEE PAGE 100

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY MAGNUM® SPECIAL SCREW-SHOOTERS

FOR DRIVING SELF-DRILLING, SELF-TAPPING TEKS® FASTENERS

TEKS® registered trademark of Illinois Tool Works, Inc.

6793-1
HIGH TORQUE MAGNUM® SCREW-SHOOTER

REVERSING...TRIGGER SPEED CONTROL 0-2000 RPM HIGH TORQUE, LOWER RPM FOR REDUCED SCREW POINT BURNING.

CAPACITY:
1/4" SCREW IN 1/4" COLD ROLLED STEEL OR NO. 12 SCREW IN 1/2" COLD ROLLED STEEL.

Lower RPM provides 25% more torque available than Model 6794-1 for fastening 1-1/8" plywood and other compressible decking materials to 1/8" steel joists using self-drilling and self-tapping fasteners.

SPECIFICATIONS

CATALOG NUMBER	VOLTS AC ONLY	AMPS	RPM NO LOAD	BIT SHANK SIZE	SPINDLE OFFSET	LGTH. (IN.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
6793-1 REV.	120	4.5	0-2000	1/4" HEX	7/8"	10-1/2	4-1/2	8

"REV." after Cat. No. indicates reversing type motor. Equipped with lockable trigger switch.
STANDARD EQUIPMENT: 5/16" Hex One Piece Socket Extension and 1/4", 5/16", 3/8" and 7/16" Locators. 8' Quik-Lok Cord Set No. 48-76-3008.

6794-1

REVERSING...TRIGGER SPEED CONTROL 0-2500 RPM FOR EASY, ACCURATE DRIVING

CAPACITY:
1/4" SCREW IN 1/4" COLD ROLLED STEEL OR NO. 12 SCREW IN 1/2" COLD ROLLED STEEL.

SPECIFICATIONS

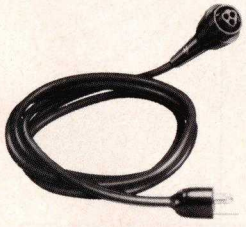
CATALOG NUMBER	VOLTS AC ONLY	AMPS	RPM NO LOAD	BIT SHANK SIZE	SPINDLE OFFSET	LGTH. (IN.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
6794-1 REV.	120	4.5	0-2500	1/4" HEX	7/8"	10-1/2	4-1/2	8

"REV." after Cat. No. indicates reversing type motor. Equipped with lockable trigger switch.
STANDARD EQUIPMENT: 5/16" Hex One Piece Socket Extension and 1/4", 5/16", 3/8" and 7/16" Locators. 8' Quik-Lok Cord Set No. 48-76-3008.

CARRYING CASE, HOLSTER, QUIK-LOK CORD SET, GREASE AVAILABLE — SEE PAGE 97
DEEP CORRUGATION KIT AVAILABLE — SEE PAGE 97

EXCLUSIVE MAGNUM® *FEATURES*

- **EXCLUSIVE SNAP-ACTION POSITIVE DRIVE CLUTCH** prevents tip-to-tip engagement of clutch jaws at the beginning and at the end of a screw driving cycle. This reduces clutch wear, and when depth sensing nosepieces are properly used, greatly prolongs clutch life.
- **ALL BALL AND ROLLER BEARINGS**
- **POWERFUL MILWAUKEE MOTOR PROVIDES GREATER TORQUE**
- **QUIK-LOK CORD SETS FOR FAST, SECURE ATTACHMENT. 8' STANDARD EQUIPMENT — 25' and 50' AVAILABLE.**



3 WIRE CORD SET FOR TOOL NO. 6793-1 AND NO. 6794-1

DESCRIPTION	CATALOG NUMBER
8' QUIK-LOK	**48-76-3008**
25' QUIK-LOK	**48-76-3025**
50' QUIK-LOK	**48-76-3050**

- **EXCLUSIVE BRUSH CARTRIDGE SYSTEM — REMOVABLE BRUSH CARTRIDGE**...change brushes in less than one minute anywhere, with only a screwdriver. *CAUTION — Before servicing, disconnect power cord.* Next, loosen Phillips/slotted brush-holder screw and pull out cartridge. SELF-STOPPING BRUSHES. Instant brush replacement by using spares stored in cartridge system.

RED CATALOG NOS. ARE STANDARD EQUIP.

BIT HOUSING & LOCATORS FOR 6793-1 AND 6794-1 POSITIVE DRIVE SCREW-SHOOTERS

		HEX HEAD SCREWS — USING SOCKET & DRIVER			HEX HEAD SCREWS — USING ONE PIECE EXTENSIONS			PHILLIPS, POSIDRIV® AND ROBERTSON SCREWS			
HEX SIZE	BIT HOUSING	LOCATOR ASSEMBLY	SOCKET DRIVER	MAGNETIC SOCKET	HEX SIZE	LOCATOR ASSEMBLY	SOCKET EXT-MAGNETIC	TYPE OF SET-UP	LOCATOR ASSEMBLY	BIT HOLDER	INSERT BITS◆
1/4" 5/16" 3/8" 7/16"	**48-32-2500** * (Fine Thread)	**49-26-0250** **49-26-0312** **49-26-0375** **49-26-0600**	1/4" Sq. × 2" Long **48-32-2050**	**49-66-3000** **49-66-3010** **49-66-3020** **49-66-3030**	1/4" 5/16" 3/8"	**49-26-0250** **49-26-0312** **49-26-0375**	**49-66-3006** **49-66-3016** **49-66-3026**	Magnetic	**49-26-1040**	48-32-3025	Select Bits with Key Letters T, U, or W from Page 100
								Non-Magnetic	49-26-0250	48-32-3050	

* Previous nylon gearcase models require No. 48-32-2505

◆ Bulk packages of 1" long Phillips Insert Bits are available in quantities of 25 and 50. See page 100.

FOR COMPLETE BIT AND SOCKET ILLUSTRATIONS — SPECIFICATIONS — SEE PAGE 100

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY DRYWALL SCREW-SHOOTERS

6750-1

GROUNDED 4.5 AMPS
TRIGGER SPEED CONTROL REVERSING 0-4000 RPM

6753-1

DOUBLE INSULATED 3.5 AMPS
TRIGGER SPEED CONTROL REVERSING 0-4000 RPM

- POSITIVE DRIVE CLUTCH
- CONVENIENT REVERSING SWITCH
- MINIMUM OFFSET FOR CLOSE QUARTER WORK
- SIMPLE POSITIVE DEPTH ADJUSTMENT

Positive lock adjustment provides a wide range of depth settings. Simplified, one hand adjustment. Push Locking Collar forward and rotate it to right or left. Each 1/6 turn equals .010" change in depth. Molded nose assembly is permanently lubricated and will not rust or corrode.

ELECTRICAL FEATURES

- 8' rubber jacket cord with separate strain relief for longer cord life
- Reversing Trigger Speed Control Switch
- Self-stopping brush carbons prevent damage to commutator. Easily accessible external brush cap for quick brush inspection

MECHANICAL FEATURES

- Engineered for balanced design...Lightweight and Compact for easy use in tight quarters
- Impact resistant, lightweight, non-conductive glass reinforced nylon motor housing and handle—provides a cool gripping surface under heavy duty use
- Aluminum gear case and diaphragm supplies greater support for shaft and bearings
- Triple sealed against dust contamination in gear case

SPECIFICATIONS

CATALOG NUMBER	VOLTS	AMPS	RPM NO LOAD	BIT SHANK SIZE	SPINDLE OFFSET	LGTH. (IN.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
6750-1	120 AC ONLY	4.5	0-4000	1/4" Hex	3/4"	11-1/4	3-3/8	5
6753-1	120 AC ONLY	3.5	0-4000	1/4" Hex	3/4"	11	3-3/8	4-1/2

NOTE: Models have reversing type motor and are equipped with lockable trigger switch.

STANDARD EQUIPMENT: #2 Phillips Bit, Magnetic Bit Holder, Magnetic Bit Holder Locator No. 49-26-1030 and Belt Clip No. 48-67-0100.

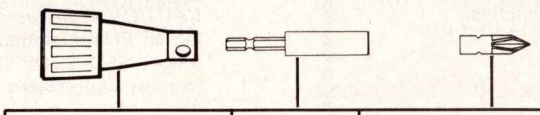
BELT CLIP
NO. 48-67-0100

TYPE "E" GREASE
NO. 49-08-4121
1 Lb. Can

SEE PAGE 97 FOR TOOL HOLSTER AND CARRYING CASE

LOCATOR ASSEMBLY FOR 6753-1 AND 6750-1 SERIAL NUMBER 464-110001 AND ABOVE

RED CATALOG NOS. ARE STANDARD EQUIP.



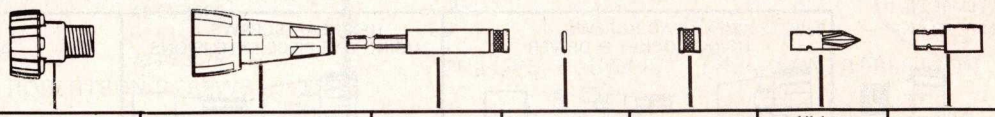
Locator Assembly	Magnetic Bit Holder	1" Long Phillips Insert Bits♦
49-26-1030● (Molded Nylon with metal tip)	**48-32-3065**	**#1 Phillips 48-32-1030** **#2 Phillips 48-32-1050**

♦ Bulk packages of 1" long Phillips Insert Bits are available in quantities of 25 and 50. See Page 100.

● 6750-1 WITH ALUMINUM MOTOR HOUSING SERIAL NUMBER 464-107024 AND UNDER SEE ACCESSORIES LISTED BELOW.

6750-1 WITH ALUMINUM MOTOR HOUSING SERIAL NUMBER 464-107024 AND BELOW

BIT HOUSING & LOCATORS FOR 6750-1 SERIAL NUMBER 464-107024 AND BELOW



Bit Housing	Locator Assembly	Magnetic Bit Holder	"O" Ring Only for Bit Holder	Nose End Only for Bit Holder	1" Long Phillips Insert Bits♦	1/4" Hex Magnetic Socket
48-32-2500 (Fine Threads)	**49-26-1040** (Molded Nylon)	**48-32-3025**	**48-32-3045**	**48-32-3040**	**#1 Phillips 48-32-1030** **#2 Phillips 48-32-1050**	**49-66-0800**

♦ Bulk packages of 1" long Phillips Insert Bits are available in quantities of 25 and 50. See page 100.

FOR COMPLETE BIT AND SOCKET ILLUSTRATIONS—SPECIFICATIONS—SEE PAGE 100

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY DRYWALL SCREW-SHOOTER

SINGLE SPEED

ALL BALL AND ROLLER BEARINGS

6747-1 REVERSING 2500 RPM

- POSITIVE DRIVE CLUTCH
- CONVENIENT REVERSING SWITCH
- POWERFUL MILWAUKEE 4.5 AMP MOTOR
- MINIMUM OFFSET FOR CLOSE QUARTER WORK

- **SIMPLE POSITIVE DEPTH ADJUSTMENT**

Positive lock adjustment provides a wide range of depth settings. Simplified, one hand adjustment. Push Locking Collar forward and rotate it to right or left. Each 1/4 turn equals 1/64" change in depth. Molded nose assembly is permanently lubricated and will not rust or corrode.

SPECIFICATIONS

CATALOG NUMBER	VOLTS	AMPS	RPM NO LOAD	BIT SHANK SIZE	SPINDLE OFFSET	LGTH. (IN.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
6747-1	120 AC	4.5	2500	1/4" Hex	3/4"	10-1/4	4	7

NOTE: Model has reversing type motor and are equipped with lockable trigger switch.

STANDARD EQUIPMENT: #2 Phillips Bit, Magnetic Bit Holder and Magnetic Bit Holder Locator No. 49-26-1040.

DEEP CORRUGATION KIT AVAILABLE FOR 6747-1 AT RIGHT.

CARRYING CASE, HOLSTER, GREASE AVAILABLE SEE BELOW.

CONVERSION KIT NO. 49-22-1520
Nose assembly fits previous MILWAUKEE Drywall Screw-Shooters. Consists of Bit Housing NO. 48-32-2500 and Locator Assembly NO. 49-26-1040.

HEAVY-DUTY DEEP CORRUGATION KIT
No. 49-22-1510

Kit consists of Depth Adjuster, 49-26-2500; Socket Driver, 48-32-2055 and two Locator Tips, 5/16" 49-78-0312 and 3/8" 49-78-0375. Order separately.

Permits depth-adjustable driving of 5/16" and 3/8" hex head screws into deep, narrow corrugation, or flush to side walls. Locator tips can be rotated for alignment.

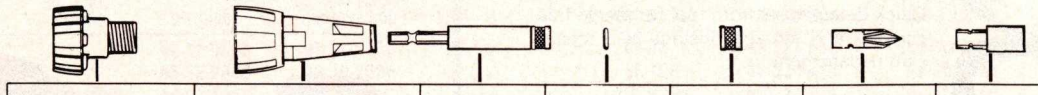
Note: Must be used with 48-32-2500 Bit Housing (except models 6794-1 and 6744-1 with nylon gear case, use Bit Housing 48-32-2505).

FITS THE FOLLOWING LIST OF MILWAUKEE SCREW-SHOOTERS FOR USE WITH SELF-DRILLING, SELF-TAPPING FASTENERS

NO. 6543-1	0-1000 RPM POSITIVE DRIVE	**NO. 6793-1**	0-2000 RPM POSITIVE DRIVE
6744-1	2500 RPM POSITIVE DRIVE	**6794-1**	0-2500 RPM POSITIVE DRIVE
6747-1	2500 RPM POSITIVE DRIVE	**6798-1**	0-2500 RPM POSITIVE DRIVE
6749-1	0-2500 RPM POSITIVE DRIVE		

BIT HOUSING & LOCATORS FOR 6747-1 POSITIVE DRIVE

RED CATALOG NOS. ARE STANDARD EQUIP.



Bit Housing **48-32-2500** (Fine Threads)	Locator Assembly **49-26-1040** (Molded Nylon)	Magnetic Bit Holder **48-32-3025**	"O" Ring Only for Bit Holder **48-32-3045**	Nose End Only for Bit Holder **48-32-3040**	1" Long Phillips Insert Bits◆ **#1 Phillips 48-32-1030** **#2 Reduced Phillips 48-32-1040** **#2 Phillips 48-32-1050**	1/4" Hex Magnetic Socket **49-66-0800**

FOR COMPLETE BIT AND SOCKET ILLUSTRATIONS—SPECIFICATIONS—SEE PG. 100

◆ Bulk packages of 1" long Phillips Insert Bits are available in quantities of 25 and 50. See page 100.

SCREW-SHOOTER ACCESSORIES Available for ALL MILWAUKEE Screw-Shooters and Hole-Shooters.

STEEL CARRYING CASE
NO. 48-55-0711
OVERALL SIZE
13-1/4" long,
6" high,
8-3/4" wide.

TOOL HOLSTER
NO. 49-17-0200
Fits belts to 3" wide.

TYPE "A" GREASE
NO. 49-08-0500
1/2 Lb. Can
NO. 49-08-0800
1 Lb. Can

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY MAGNUM® DRYWALL SCREW-SHOOTERS

POWERFUL! SERVICEABLE!

6744-1
REVERSING 2500 RPM

6749-1
TRIGGER SPEED CONTROL REVERSING 0-2500 RPM

6754-1
TRIGGER SPEED CONTROL REVERSING 0-4000 RPM

SPECIFICATIONS

CATALOG NUMBER	VOLTS	AMPS	RPM NO LOAD	BIT SHANK SIZE	SPINDLE OFFSET	LGTH. (IN.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
6744-1	120 AC	4.5	2500	1/4" Hex	7/8"	10-1/2	4-1/2	8
6749-1	120 AC Only	4.5	0-2500	1/4" Hex	7/8"	10-1/2	4-1/2	8
6754-1	120 AC Only	4.5	0-4000	1/4" Hex	7/8"	10-1/4	4-1/2	8

NOTE: Models have reversing type motor and are equipped with lockable trigger switch.
STANDARD EQUIPMENT: #2 Phillips Bit, Magnetic Bit Holder and Magnetic Bit Holder Locator. 8' Quik-Lok Cord Set No. 48-76-3008.

CARRYING CASE, HOLSTER, QUIK-LOK CORD SET, GREASE AVAILABLE—SEE PAGE 97

DEEP CORRUGATION KIT AVAILABLE FOR MODELS 6744-1 AND 6749-1—SEE PAGE 97

EXCLUSIVE MAGNUM® *FEATURES*

- **EXCLUSIVE SNAP-ACTION POSITIVE DRIVE CLUTCH** prevents tip-to-tip engagement of clutch jaws at the beginning and at the end of a screw driving cycle. This reduces clutch wear, and when depth sensing nosepieces are properly used, greatly prolongs clutch life.
- **ALL BALL AND ROLLER BEARINGS**
- **POWERFUL MILWAUKEE MOTOR PROVIDES GREATER TORQUE**
- **COMFORTABLE TWO FINGER TRIGGER**
- **FOUR POSITION HAND GRIP FOR ANY APPLICATION**
- **QUIK-LOK CORD SETS FOR FAST, SECURE ATTACHMENT. 8' STANDARD EQUIPMENT—25' and 50' AVAILABLE**

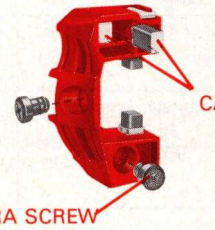
QUIK-LOK CORD SETS

Quick detachment from tool for tangle free carrying and storage. Instant field repair, safe replacement.

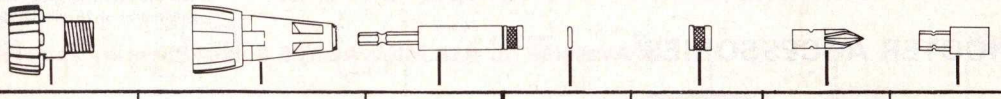
DESCRIPTION	CATALOG NUMBER
8' QUIK-LOK	**48-76-3008**
25' QUIK-LOK	**48-76-3025**
50' QUIK-LOK	**48-76-3050**

RED CATALOG NOS. ARE STANDARD EQUIP.

- **EXCLUSIVE BRUSH CARTRIDGE SYSTEM—REMOVABLE BRUSH CARTRIDGE**...change brushes in less than one minute anywhere, with only a screwdriver. *CAUTION—Before servicing, disconnect power cord.* Next, loosen Phillips/slotted brush-holder screw and pull out cartridge. SELF-STOPPING BRUSHES. Instant brush replacement by using spares stored in cartridge system.



BIT HOUSING & LOCATORS FOR 6744-1, 6749-1 & 6754-1 POSITIVE DRIVE



Bit Housing **48-32-2500*** (Fine Threads)	Locator Assembly **49-26-1040** (Molded Nylon)	Magnetic Bit Holder **48-32-3025**	"O" Ring Only for Bit Holder **48-32-3045**	Nose End Only for Bit Holder **48-32-3040**	1" Long Phillips Insert Bits◆ **#1 Phillips 48-32-1030** **#2 Reduced Phillips 48-32-1040** **#2 Phillips 48-32-1050**	1/4" Hex Magnetic Socket **49-66-0800**

* Previous nylon gearcase models require No. 48-32-2505.

◆ Bulk packages of 1" long Phillips Insert Bits are available in quantities of 25 and 50. See page 100.

FOR COMPLETE BIT AND SOCKET ILLUSTRATIONS—SPECIFICATIONS—SEE PAGE 100

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY SCREW-SHOOTER

FOR WOOD SCREWS

- **POSITIVE DRIVE CLUTCH**
  Clutch engages when pressure is applied and stops when pressure is released. Torque is maintained while pressure is applied.
- **CONVENIENT REVERSING SWITCH**
- **POWERFUL MILWAUKEE 4.5 AMP MOTOR**
- **EXCLUSIVE SNAP-IN BIT GUIDE DESIGN PROVIDES MAXIMUM SUPPORT, GREATLY REDUCING BIT WOBBLE**

6543-1 REVERSING...TRIGGER SPEED CONTROL 0-1000 RPM

CAPACITY: SOFT WOOD WITH PILOT HOLE — TO 5/16" LAG
SOFT WOOD WITHOUT PILOT HOLE — TO #16
HARD WOOD WITH PILOT HOLE — TO #16
HARD WOOD WITHOUT PILOT HOLE — TO #12

CATALOG NUMBER	VOLTS AC ONLY	AMPS	RPM NO LOAD	BIT SHANK SIZE	SPINDLE OFFSET	LGTH. (IN.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
6543-1 REV.	120	4.5	0-1000	1/4" Hex	3/4"	9-3/4	4-1/2	7

"REV." after Cat. No. indicates reversing type motor. Equipped with lockable trigger switch.
STANDARD EQUIPMENT: 6F-8R Bit and Finder, 10F-12R Bit and Finder, 6F-8R Bit Guide, 10F-12R Bit Guide, #2 Phillips Insert Bit, Non. Mag. Bit Holder and 1/4" Bit Guide.

DEEP CORRUGATION KIT AVAILABLE—SEE PAGE 97
CARRYING CASE, HOLSTER, GREASE AVAILABLE—SEE PAGE 97

BIT GUIDE HOUSING & BIT GUIDES FOR 6543-1 POSITIVE DRIVE

SLOTTED SCREWS

RED CATALOG NOS. ARE STANDARD EQUIPMENT

	SCREW SIZE	BIT GUIDE HOUSING	BIT GUIDE	BIT AND FINDER COMBINATION
	6F-8R		48-32-0608	48-30-2600
	8F-10R		48-32-0810	48-30-2625
NOTE:	10F-12R	48-32-1000	48-32-1012	48-30-2650
F = Flat Head	12F-14R		48-32-1214	48-30-2675
R = Round Head	14F-16R		48-32-1416	48-30-2700

PHILLIPS, POSIDRIV®, FREARSON, ROBERTSON

TYPE OF SET-UP	BIT GUIDE HOUSING	BIT GUIDE	BIT HOLDER	NO. 48-32-1050 STANDARD EQUIP. INSERT BITS♦
Magnetic	48-32-1000	48-32-0608	48-32-3025	Select any Insert Bit
Non-Magnetic		48-32-0250	48-32-3050	

HEX HEAD SCREWS

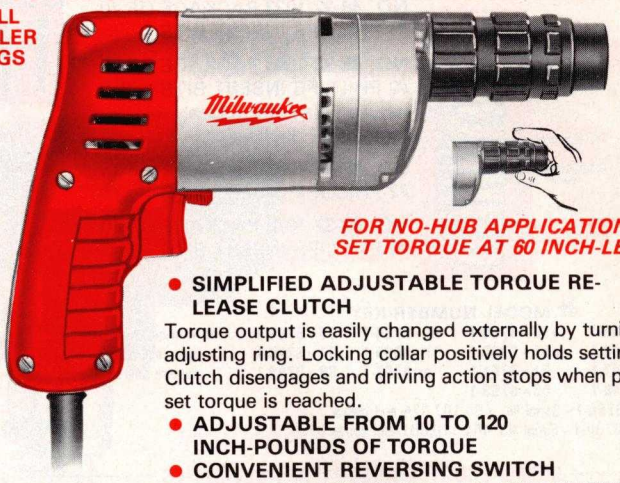
HEX. SIZE	BIT GUIDE HOUSING	BIT GUIDE	SOCKET DRIVER	MAGNETIC SOCKET
1/4"		48-32-0250	1/4" Sq. ×	49-66-3000
5/16"	48-32-1000	48-32-0312	2" Long	49-66-3010
3/8"		48-32-0375	48-32-2050	49-66-3020

NOTE: For Hex Nuts or Hex Head Screws, using one piece extensions, use accessories as shown for Model 6583-1, plus Bit Guide Housing, NO. 48-32-1000.

HEAVY-DUTY SCREW-SHOOTER—NUT RUNNER

FOR MACHINE AND SHEET METAL SCREWS AND NUTS

ALL BALL AND ROLLER BEARINGS



FOR NO-HUB APPLICATIONS SET TORQUE AT 60 INCH-LBS.

- **SIMPLIFIED ADJUSTABLE TORQUE RELEASE CLUTCH**
  Torque output is easily changed externally by turning adjusting ring. Locking collar positively holds setting. Clutch disengages and driving action stops when preset torque is reached.
- **ADJUSTABLE FROM 10 TO 120 INCH-POUNDS OF TORQUE**
- **CONVENIENT REVERSING SWITCH**
- **POWERFUL MILWAUKEE 4.5 AMP MOTOR**

6583-1 REVERSING...TRIGGER SPEED CONTROL 0-1000 RPM

CAPACITY: TAPPING SCREWS — TO 1/4" IN 3/16" MILD STEEL
MACHINE SCREWS AND NUTS — TO 1/4"

CATALOG NUMBER	VOLTS AC ONLY	AMPS	RPM NO LOAD	BIT SHANK SIZE	SPINDLE OFFSET	LGTH. (IN.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
6583-1 REV.	120	4.5	0-1000	1/4" Hex	3/4"	10-1/4	5	7-1/2

"REV." after Cat. No. indicates reversing type motor. Equipped with lockable trigger switch.
STANDARD EQUIPMENT: 6F-8R Bit and Finder, 10F-12R Bit and Finder, 6F-8R Bit Guide, 10F-12R Bit Guide, #2 Phillips Insert Bit, Non. Mag. Bit Holder and 1/4" Bit Guide.

CARRYING CASE, HOLSTER, GREASE AVAILABLE—SEE PAGE 97 .

BIT GUIDES FOR 6583-1 ADJUSTABLE TORQUE

SLOTTED SCREWS

RED CATALOG NOS. ARE STANDARD EQUIPMENT

SCREW SIZE	BIT GUIDE	BIT AND FINDER COMBINATION	
6F-8R	48-32-0608	48-30-2600	
8F-10R	48-32-0810	48-30-2625	
10F-12R	48-32-1012	48-30-2650	**NOTE:**
12F-14R	48-32-1214	48-30-2675	F = Flat Head
14F-16R	48-32-1416	48-30-2700	R = Round Head

PHILLIPS, POSIDRIV®, FREARSON, ROBERTSON

TYPE OF SET-UP	BIT GUIDE	BIT HOLDER	NO. 48-32-1050 STANDARD EQUIP. INSERT BITS♦
Magnetic	48-32-0608	48-32-3025	Select any Insert Bit from Page 100
Non-Magnetic	48-32-0250	48-32-3050	

HEX NUTS (SOCKETS HAVE BOLT CLEARANCE)

HEX. SIZE	BIT GUIDE	SOCKET DRIVER	MAGNETIC 2" LG. NUT SOCKET
1/4"	48-32-0608	1/4" Sq. × 2" Lg. 48-32-2050	49-66-3002
5/16"	48-32-0810		49-66-3012
3/8"	48-32-1012		49-66-3022

NOTE: For Hex Head Screws, use accessories as shown for Model 6783-1 on Page 94.

♦ Bulk packages of 1" long Phillips Insert Bits are available in quantities of 25 and 50. See page 100.

FOR COMPLETE BIT AND SOCKET ILLUSTRATIONS—SPECIFICATIONS—SEE PAGE 100

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY SCREW-SHOOTER ACCESSORIES

NEW

PHILLIPS INSERT BITS:
10 BITS PER PACKAGE, REUSABLE VINYL POUCH

NO. 48-32-1033 PACKAGE OF 10 #1 PHILLIPS INSERT BITS

NO. 48-32-1043 PACKAGE OF 10 #2 PHILLIPS INSERT BITS with reduced diameter...ideal for Drywall applications

NO. 48-32-1053 PACKAGE OF 10 #2 PHILLIPS INSERT BITS

NO. 48-32-1073 PACKAGE OF 10 #3 PHILLIPS INSERT BITS

SCREWDRIVER BIT SET
NO. 48-30-0100

Set includes one each of

NO. 48-30-1500	#3 Phillips Bit 1/4" Hex
NO. 48-30-1510	#1 Phillips Bit 1/4" Hex
NO. 48-30-1520	#2 Phillips Bit 1/4" Hex
NO. 48-30-2600	Bit and Finder 6F-8R 1/4" Hex
NO. 48-30-2625	Bit and Finder 8F-10R 1/4" Hex
NO. 48-30-2650	Bit and Finder 10F-12R 1/4" Hex
NO. 48-32-2050	1/4" Sq. Socket Driver

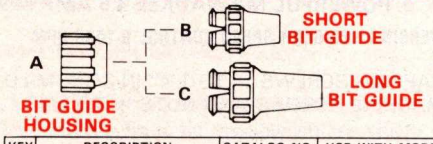
*** MODEL NUMBER KEY**

43 = **6543-1** ♦50 = **6750-1** 54 = **6754-1** 93 = **6793-1**
44 = **6744-1** ▲50 = **6750-1** 83 = **6583-1** 94 = **6794-1**
47 = **6747-1** 51 = **6751-1** or **6783-1** 98 = **6798-1**
49 = **6749-1** 53 = **6753-1**

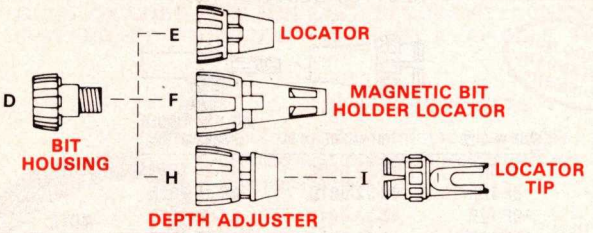
♦ 50 = **6750-1**—Serial No. 464-107,024 and below
▲ 50 = **6750-1**—Serial No. 464-110,001 and above

● Previous nylon gearcase models require coarse threads.

SCREW-SHOOTER NOSE PIECE ASSEMBLIES



	KEY	DESCRIPTION	CATALOG NO.	USE WITH MODEL NUMBER *
Wood and Sheet Metal Screws Best results when driven at 2500 RPM or less	A	Bit Guide Housing	**48-32-1000**	43, 44, 47, 49, ♦50, 51 54, 93, 94, 98
	B1	1/4" Hex Bit Guide	**48-32-0250**	43, 44, 47, 49, ♦50, 51, 54 83, 93, 94, 98
	B2	5/16" Hex Bit Guide	**48-32-0312**	
	B3	3/8" Hex Bit Guide	**48-32-0375**	43, 44, 47, 49, 83, 93, 94, 98
	C1	6F-8R Bit Guide	**48-32-0608**	43, 44, 47, 49, ♦50, 51, 54 83, 93, 94, 98
	C2	8F-10R Bit Guide	**48-32-0810**	43, 44, 47, 49 83, 93, 94, 98
	C3	10F-12R Bit Guide	**48-32-1012**	
	C4	12F-14R Bit Guide	**48-32-1214**	
	C5	14F-16R Bit Guide	**48-32-1416**	



	KEY	DESCRIPTION	CATALOG NO.	USE WITH MODEL NUMBER *
Drywall and Self-Drilling Screws	D1	Bit Housing (Fine Thread)	**48-32-2500**	43, 44, 47, 49, ♦50, 51 54, 93, 94, 98
	D2	Bit Housing (Coarse Thread)	**48-32-2505**	44, 54, 94●
	E1	1/4" Hex Locator	**49-26-0250**	43, 44, 47, 49, ♦50, 51 54, 93, 94, 98
	E2	5/16" Hex Locator	**49-26-0312**	
	E3	3/8" Hex Locator	**49-26-0375**	43, 44, 47, 49, 93, 94, 98
	E4	7/16" Hex Locator	**49-26-0600**	
	F1	Molded Drywall Locator	**49-26-1040**	43, 44, 47, 49, ♦50, 51 54, 93, 94, 98
Self-Drilling Screws	H	Depth Adjuster	**49-26-2500**	43, 44, 47, 49, 93, 94, 98
	I1	5/16" Hex Locator Tip	**49-78-0312**	43, 44, 47, 49, 93, 94, 98
	I2	3/8" Hex Locator Tip	**49-78-0375**	
G		MAGNETIC BIT HOLDER LOCATOR		**6750-1**▲ and **6753-1** Only
Drywall Only	G	Molded Drywall Locator	**49-26-1030**	▲50, 53

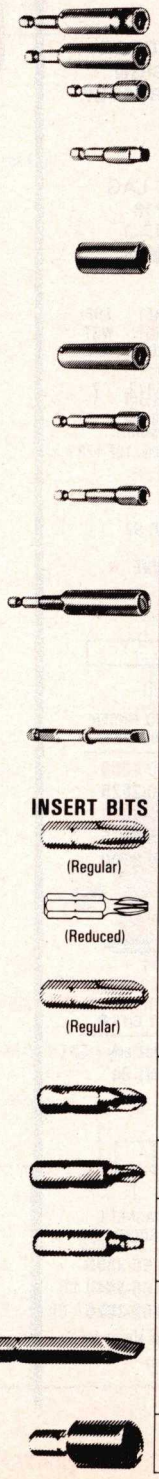
ACCESSORIES FOR PREVIOUS MILWAUKEE 1/4" HEX SHANK DRIVERS

BIT

PHILLIPS BIT

DESCRIPTION	SCREW SIZE	BIT CATALOG NO.
1-15/16" Long Bits for Slotted Head Screws	6F-8R	**48-30-0500**
	8F-10R	**48-30-0505**
	10F-12R	**48-30-0510**
	12F-14R	**48-30-0515**
2" Long Phillips Bits	#1	**48-30-1510**
	#2	**48-30-1520**
	#3	**48-30-1500**

BIT HOLDERS • SOCKETS • EXTENSIONS • BITS and FINDERS



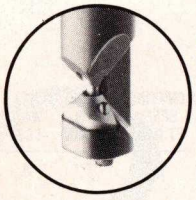
KEY	DESCRIPTION	SIZE	CATALOG NO.	FOR USE WITH
J	Magnetic Bit Holder		**48-32-3025**	G, F1 or C1
K	Magnetic Bit Holder		**48-32-3065**	G, F1 or C1
L	Non-Mag. Bit Holder		**48-32-3050**	E1 or B1
M1	1/4" Sq. × 2" Socket Driver		**48-32-2050**	N or O
M2	1/4" Sq. × 4" Socket Driver		**48-32-2055**	H & I1 & N2 H & I2 & N3
N1	Hex Sockets Only Magnetic	1/4"	**49-66-3000**	M1 & E1 or B1
N2		5/16"	**49-66-3010**	M1 & E2 or B2
N3		3/8"	**49-66-3020**	M1 & E3 or B3
N4		7/16"	**49-66-3030**	M1 & E4
O1	2" Lg. Hex Nut Magnetic Sockets With Bolt Clearance	1/4"	**49-66-3002**	M1 & C1
O2		5/16"	**49-66-3012**	M1 & C2
O3		3/8"	**49-66-3022**	M1 & C3
P	1 Pc. Hex Socket Extension Non-Magnetic	5/16"	**49-66-3015**	E2 or B2
Q1	1 Pc. Hex Socket Extension Magnetic	1/4"	**49-66-3006**	E1 or B1
Q2		5/16"	**49-66-3016**	E2 or B2
Q3		3/8"	**49-66-3026**	E3 or B3
R1	Bit and Finder Combinations (Slotted Screws) 3-1/2" long	6F-8R	**48-30-2600**	C1
R2		8F-10R	**48-30-2625**	C2
R3		10F-12R	**48-30-2650**	C3
R4		12F-14R	**48-30-2675**	C4
R5		14F-16R	**48-30-2700**	C5
S1	Replacement Bits for Bit and Finder Combinations 3-1/2" long	6F-8R	**48-30-0750**	R1
S2		8F-10R	**48-30-0770**	R2
S3		10F-12R	**48-30-0790**	R3
S4		12F-14R	**48-30-0800**	R4
S5		14F-16R	**48-30-0805**	R5
T1	Phillips 1" long	#1	**48-32-1030**	Reduced Diameter Insert Bits Ideal for Drywall (See 10/pkg. display package above for all Phillips Insert Bits)
T1		#1 (QTY. OF 25)	**48-32-1031**	
T1		#1 (QTY. OF 50)	**48-32-1032**	
T2	NEW	#2	**48-32-1040**	
T2	NEW	#2 (QTY. OF 25)	**48-32-1041**	
T2	NEW	#2 (QTY. OF 50)	**48-32-1042**	
T2		#2	**48-32-1050**	
T2		#2 (QTY. OF 25)	**48-32-1051**	
T2		#2 (QTY. OF 50)	**48-32-1052**	
T3		#3	**48-32-1070**	
U1	Posidriv® 1" long	#1	**48-32-1120**	J, K & L
U2		#2	**48-32-1125**	
U3		#3	**48-32-1130**	
V1	Frearson (Reed & Prince) 1-1/8" long	#1	**48-32-1110**	
V2		#2	**48-32-1115**	
W1	Square Drive (Robertson) 1" long	#1	**48-32-1205**	
W2		#2	**48-32-1210**	
W3		#3	**48-32-1215**	
X1	Slotted Screw Insert Bits 1-1/2" long	6F-8R	**48-32-0050**	It is Recommended Slotted Screws Be Driven With R1 thru R5
X2		8F-10R	**48-32-0060**	
X3		10F-12R	**48-32-0070**	
X4		12F-14R	**48-32-0080**	
X5		14F-16R	**48-32-0090**	
Y1	Magnetic Insert Socket	1/4"	**49-66-0800**	
Y2	Non-Mag. Insert Socket	1/4"	**49-66-0750**	

HEAVY-DUTY DOUBLE INSULATED NIBBLERS

6890 16 GAUGE 3.8 AMPS 1900 STROKES PER MIN.

CUTS SQUARE OR ROUND AND DEEP CORRUGATION

INDEXING DIE HOLDER ALLOWS FOR EIGHT CUTTING POSITIONS



- INDEXABLE HEAD FOR REACHING "HARD TO GET" AREAS. ABILITY TO CUT FLAT, IRREGULAR AND CORRUGATED MATERIAL WITHOUT CHANGING DIE HOLDER.

- HIGH SPEED ACCURATE CUTTING MECHANISM
- SIMPLE PUNCH AND DIE REPLACEMENT
- JAM FREE OPERATION
- DISTORTION FREE CUTTING
- NO ADJUSTMENTS FOR STRAIGHT OR CURVED CUTS
- CUTS SQUARE OR ROUND AND DEEP CORRUGATED METAL
- CLEAR UNOBSTRUCTED VISIBILITY
- NEW BRUSH DESIGN FOR EASY BRUSH REPLACEMENT
- ALUMINUM GEAR HOUSING

AC-DC PADDLE SWITCH

- CONVENIENTLY MOUNTED FOR ONE HAND OPERATION

SPECIFICATIONS

CATALOG NUMBER	CAPACITY STEEL	CAPACITY STAINLESS	AC-DC VOLTS	AMPS
6890	16 Ga. (.0598")	18 Ga. (.0480")	120	3.8

STROKES PER MINUTE	LENGTH INCHES	MINIMUM CUTTING RADIUS	NET WGT. LBS.	SHP. WGT. LBS.
1900	11-1/4	1-3/4"	4-3/4	5-3/4

Standard Equipment: Includes Punch, Die, Allen Wrench and Plate Wrench.

ACCESSORIES

NO. 48-44-0260	Replacement Punch
NO. 48-44-0270	Replacement Die
NO. 49-96-4725	Replacement Plate Wrench
NO. 49-96-0330	Replacement 2.5mm Allen Wrench
NO. 49-08-4140	Type "G" Grease, 1 lb. can

6880 10 GAUGE 4 AMPS 1000 STROKES PER MIN. NEW

POWERFUL 10 GAUGE CAPACITY

LIGHTWEIGHT... ONLY 7-3/4 LBS.

CUTTING GUIDE ON FRONT FOR PATTERN WORK

REMOVABLE SIDE HANDLE... USE ON EITHER SIDE FOR EXTRA CONTROL

- HIGH SPEED ACCURATE CUTTING MECHANISM
- SIMPLE PUNCH AND DIE REPLACEMENT
- JAM FREE OPERATION
- DISTORTION FREE CUTTING
- CLEAR UNOBSTRUCTED VISIBILITY
- NEW BRUSH DESIGN FOR EASY BRUSH REPLACEMENT
- ALUMINUM GEAR HOUSING

AC-DC TOGGLE SWITCH

- ALLOWS FOR TWO HANDED OPERATION OF TOOL

SPECIFICATIONS

CATALOG NUMBER	CAPACITY STEEL	CAPACITY STAINLESS	AC-DC VOLTS	AMPS
6880	10 Ga. (.1345")	12 Ga. (.1050")	120	4

STROKES PER MINUTE	LENGTH INCHES	MINIMUM CUTTING RADIUS	NET WGT. LBS.	SHP. WGT. LBS.
1000	12-1/4	2-1/2"	7-3/4	8-3/4

Standard Equipment: Includes Punch, Die, Allen Wrench and Side Handle.

ACCESSORIES

NO. 48-44-0265	Replacement Punch
NO. 48-44-0275	Replacement Die
NO. 49-96-0350	4mm Allen Wrench
NO. 49-08-4140	Type "G" Grease, 1 lb. can

Milwaukee HEAVY-DUTY DOUBLE INSULATED SHEARS

6855 18 GAUGE 3.0 AMPS 3600 STROKES PER MIN.

6805 16 GAUGE 4.0 AMPS 4000 STROKES PER MIN.

6815 14 GAUGE 5.0 AMPS 4000 STROKES PER MIN.

CLEAR UNOBSTRUCTED VISIBILITY

EXCLUSIVE

Lower shear blade is easily and securely adjustable. Sheared metal rides smoothly over and under unique steel yoke providing high cutting efficiency and smooth edge.

- HIGH SPEED ACCURATE CUTTING MECHANISM
- SIMPLE BLADE ADJUSTMENT—NO SHIMS
- BLADE DESIGN ELIMINATES JAMMING
- LEAVES EDGES SMOOTH—BURR FREE
- NO ADJUSTMENTS FOR STRAIGHT CUTS—CURVES
- CUTS CLOSE CURVES EITHER RIGHT OR LEFT
- NEW BRUSH DESIGN FOR EASY BRUSH REPLACEMENT
- ALUMINUM GEAR HOUSING
- ALL BALL AND NEEDLE BEARINGS

AC-DC PADDLE SWITCH

- CONVENIENTLY MOUNTED FOR ONE HAND OPERATION

SPECIFICATIONS

CATALOG NUMBER	CAPACITY STEEL	CAPACITY STAINLESS	AC-DC VOLTS	AMPS	STROKES PER MINUTE
6855	18 Ga. (.0478")	20 Ga. (.0355")	120	3.0	3600
6805	16 Ga. (.0598")	18 Ga. (.0480")	120	4.0	4000
6815	14 Ga. (.0747")	16 Ga. (.0595")	120	5.0	4000

MINIMUM RADIUS LEFT	MINIMUM RADIUS RIGHT	LENGTH INCHES	NET WGT. LBS.	SHP. WGT. LBS.
1/2"	1"	9-5/8	4	5
1/2"	1"	10-1/4	5	6
3/4"	1"	10-1/4	5	6

Standard Equipment: Allen Wrenches, Feeler Gauge, Upper Blade and Lower Blade.

ACCESSORIES

NO. 48-44-0111 Shear Blade Set for 14 Ga.
NO. 48-44-0121 Shear Blade Set for 16 Ga. and 18 Ga.
Sets include both upper and lower blades and screws.
NO. 49-96-0040 5/64" Allen Wrench
NO. 49-96-0065 9/64" Allen Wrench
NO. 49-11-0050 Feeler Gauge
NO. 49-08-4140 Type "G" Grease, 1 lb. can

HEAVY-DUTY SWIVEL HEAD SHEAR

18 GAUGE 6850

BALL AND ROLLER BEARINGS

- CUTS ROUND HOLES... SQUARE HOLES... IRREGULAR HOLES
- 360° SWIVEL HEAD
- CUTS UP TO 15' PER MIN.
- CONTINUOUS METAL CURL
- HEAD ASSEMBLY DESIGNED FOR EASY SERVICING

SPECIFICATIONS

CATALOG NUMBER	CAPACITY STEEL	CAPACITY STAINLESS	VOLTS	AMPS	CUTTING SPEED FT./MIN.	MIN. RADIUS	NET WGT. LBS.	SHP. WGT. LBS.
6850	18 Ga. (.0478")	20 Ga. (.0355")	120 AC	3.3	15	7"	4	6

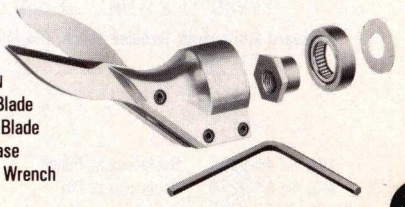
ACCESSORIES

REPLACEMENT SWIVEL SHEAR HEAD ASSEMBLY NO. 48-08-0500

CATALOG NO.	DESCRIPTION
48-44-0150	Center Blade
48-44-0160	Left Blade
48-44-0170	Right Blade
49-08-4121	1 lb. Can "E" Grease
49-96-0070	5/32" Hex Socket Wrench

REPLACEMENT PARTS FOR SCISSORS HEAD ASSEMBLY 6860

CATALOG NO.	DESCRIPTION
48-44-0180	Moveable Scissor Blade
48-44-0190	Stationary Scissor Blade
49-08-4121	1 lb. Can "E" Grease
49-96-0070	5/32" Hex Socket Wrench

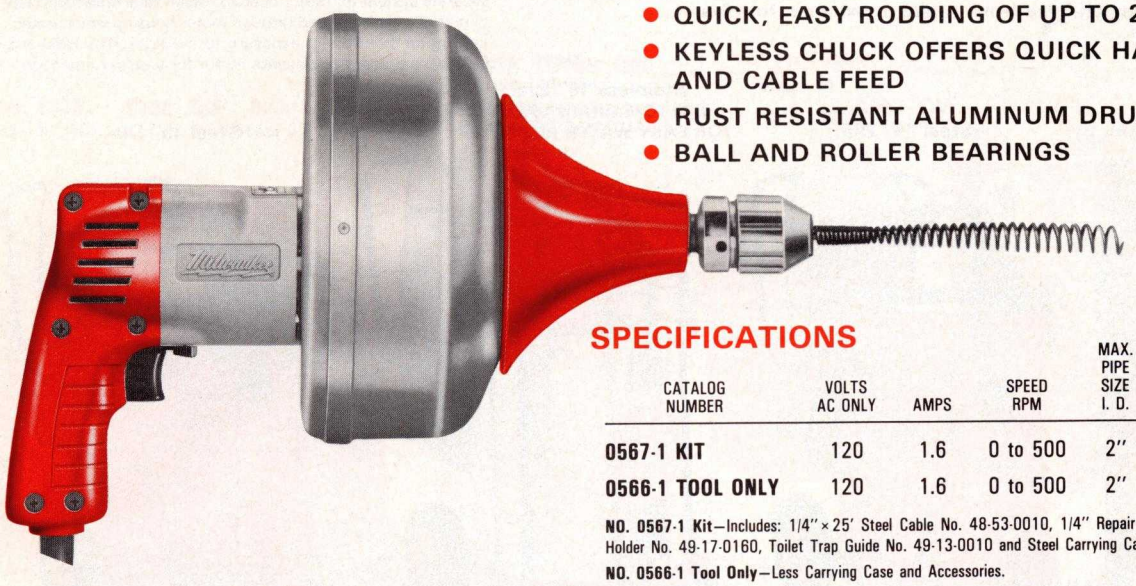


MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY DRAIN CLEANER

HOLDS UP TO 35′ OF 3/8″ OR 50′ OF 5/16″ INNER CORE CABLE

- *TRIGGER SPEED CONTROL — REVERSING MOTOR PROTECTS CABLE FROM DAMAGE AND PERMITS SAFE OPERATION FROM 0 TO 500 RPM*



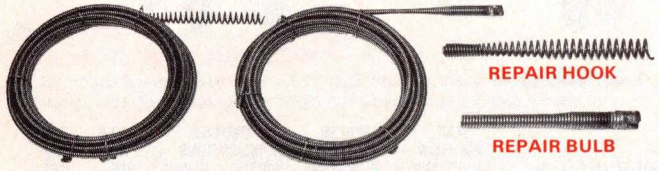
- QUICK, EASY RODDING OF UP TO 2″ WASTELINES
- KEYLESS CHUCK OFFERS QUICK HAND TIGHTENING AND CABLE FEED
- RUST RESISTANT ALUMINUM DRUM
- BALL AND ROLLER BEARINGS

SPECIFICATIONS

CATALOG NUMBER	VOLTS AC ONLY	AMPS	SPEED RPM	MAX. PIPE SIZE I. D.	LENGTH (INS.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
0567-1 KIT	120	1.6	0 to 500	2″	17	7-1/4	34
0566-1 TOOL ONLY	120	1.6	0 to 500	2″	17	7-1/4	10

NO. 0567-1 Kit—Includes: 1/4″ × 25′ Steel Cable No. 48-53-0010, 1/4″ Repair Hook No. 49-20-0020, Toilet Trap Holder No. 49-17-0160, Toilet Trap Guide No. 49-13-0010 and Steel Carrying Case. No. 48-55-6055.

NO. 0566-1 Tool Only—Less Carrying Case and Accessories.



STEEL CABLE INNER-CORE DROP HEAD CABLE

STEEL CABLE is right-hand wound cable which expands when torque is applied. Designed for feeding through crossbars, down through and around the goose neck, or traps. It eliminates removal of the trap or clean out plug.

STEEL CABLES

NO. 48-53-0015 5/16″ x 25′ Includes repair hook.
NO. 48-53-0035 5/16″ x 30′ Includes repair hook.
NO. 48-53-0010 1/4″ x 25′ Includes repair hook.
NO. 48-53-0030 1/4″ x 30′ Includes repair hook.

INNER-CORE DROP HEAD CABLE is left-hand wound cable which tightens against center core when torque is applied, making a solid shaft. Once through stoppage, tension on the cable is released, and it becomes flexible again.

INNER-CORE DROP HEAD CABLES

NO. 48-53-0020 5/16″ x 25′ Includes drop head, 3/4″ and 1″ cutter, socket head screws and wrenches for changing heads.

NO. 48-53-0025 5/16″ x 30′ Includes drop head, 3/4″ and 1″ cutter, socket head screws and wrenches for changing heads.

NO. 48-53-0040 5/16″ x 50′ Includes drop head, 3/4″ and 1″ cutter, socket head screws and wrenches for changing heads.

NO. 48-53-0050 3/8″ x 35′ Includes drop head, 1″ and 1-1/4″ cutter, socket head screws and wrenches for changing heads, extraction hook.

DROP HEAD PARTS KIT NO. 49-22-2500
For 5/16″ Inner-Core Cable — includes drop head set screw for drop head, socket wrench for drop head, 3/4″ cutter, 1″ cutter, set screws and socket wrench for cutters.

DROP HEAD PARTS KIT NO. 49-22-2510
For 3/8″ Inner Core Cable — includes drop head, set screw for drop head, socket wrench for drop head, 1″ and 1-1/4″ cutter, set screws and wrench for cutters, extraction hook.

STEEL CARRYING CASE ONLY
NO. 48-55-6055

REPAIR HOOK NO. 49-20-0020 for 1/4″ steel cable.
REPAIR HOOK NO. 49-20-0040 for 5/16″ steel cable.
REPAIR BULB NO. 48-50-0010 for 5/16″ inner-core drop head cable.
REPAIR BULB NO. 48-50-0020 for 3/8″ inner-core drop head cable.
DROP HEAD ASSEMBLY NO. 49-16-0010 for 5/16″ inner-core drop head cable.
DROP HEAD ASSEMBLY NO. 49-16-0020 for 3/8″ inner-core drop head cable.
CUTTER 3/4″ NO. 48-38-0050 for 5/16″ inner-core drop head cable.
CUTTER 1″ NO. 48-38-0060 for 5/16″ inner-core drop head cable.
CUTTER 1″ NO. 48-38-0070 for 3/8″ inner-core drop head cable.
CUTTER 1-1/4″ NO. 48-38-0080 for 3/8″ inner-core drop head cable.
TYPE "A" GREASE NO. 49-08-0500 1/2 LB. CAN
TYPE "A" GREASE NO. 49-08-0800 1 LB. CAN

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY VACUUM CLEANERS

OUTSTANDING FEATURES

- **POSITIVE WATER SHUT-OFF** — On wet/dry machines protects motor from direct exposure to water.
- **HEAVY-DUTY FILTER SYSTEM** — For the roughest coarse materials to the finest dust.
- **USE AS BLOWER** — Switch hose from intake to exhaust, for cleaning inaccessible areas.

VACUUM MOTOR DESIGN

Centrifugal blower produces high efficient vacuum and air flow. Models 8911, 8912, 8917, 8925, 8935, 8937, 8940 and 8945 have a two-stage bypass motor for wet/dry operation. They provide discharge of vacuum air from the fan case with a separate system for motor cooling. Clean air is drawn into top of motor and discharged through motor housing vents protecting motor from direct exposure to moisture. The 8950 and 8955 have a one-stage bypass motor for wet/dry operation.

NO. 8925
Stainless 16" Dia.
BOTTOM DRAIN VALVE
FOR EASY WATER REMOVAL

NO. 8912
Steel 16" Dia.

NO. 8917
Stainless 16" Dia.
BOTTOM DRAIN VALVE
FOR EASY WATER REMOVAL

NO. 8911
Steel 16" Dia.

GENERAL SPECIFICATIONS

All models are equipped with 1-1/2" O.D. hose connections, cord with 3-prong grounded plug, 3 vinyl covered hold-down clamps and 4-wheel caddie with non-marring wheels.

CAT. NO.	FOR MATERIALS	RECOV. CAP GAL.	RECOV. CAP BU.	TANK	VOLTS	AMPS	MOTOR TYPE	MAX. AIR FLOW CU. FT./MIN.	SEALED SUCTION IN WATER	OVERALL DIMENSIONS WIDTH	OVERALL DIMENSIONS HEIGHT	NET WGT. (LBS.)	SHP. WGT. (LBS.)
*8925	WET or DRY	15	2	STAINLESS	120	10	2-Stage Bypass Motor	110	105"	19"	36"	53	73
8912	WET or DRY	9	1-1/2	STEEL	120	10	2-Stage Bypass Motor	110	105"	19"	32"	49	68
8917	WET or DRY	9	1-1/2	STAINLESS	120	10	2-Stage Bypass Motor	110	105"	19"	32"	52	70
8911	WET or DRY	9	1-1/2	STEEL	120	8	2-Stage Bypass Motor	87	83"	19"	32"	48	67

* Not available in Canada.

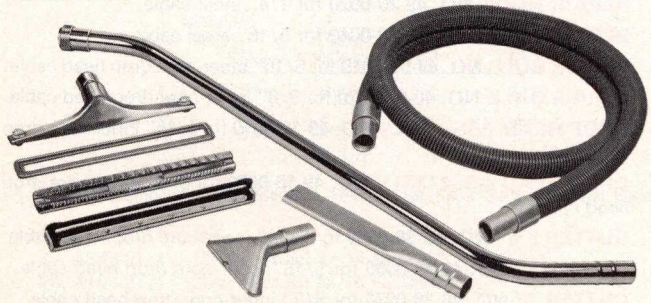
STANDARD EQUIPMENT

FOR MODEL 8925
FOR MODEL 8912
FOR MODEL 8917
FOR MODEL 8911

Three paper filter bags, cloth filter, gasket and wire frame assembly, wet pick-up conversion pan, swivel connector and canvas store-all tool bag.

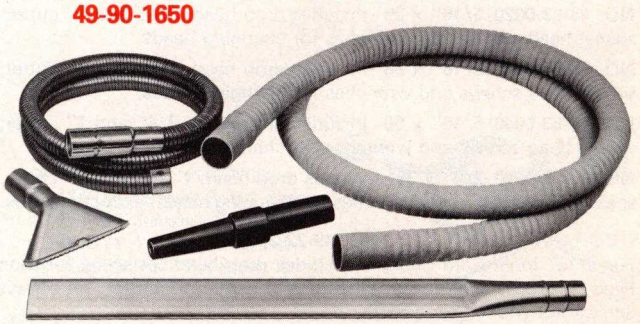
VACUUM CLEANER ACCESSORIES

WET AND DRY CLEANING KIT
49-90-1670



WET AND DRY CLEANING KIT NO. 49-90-1670 A complete kit of accessories for the maintenance department. Kit consists of 1 each of the following: 49-90-0060, 10 ft. hose; 49-90-0550, major floor tool; 49-90-0580 squeegee shoe; 49-90-0400, 15" crevice tool; 49-90-0600, 14" carpet insert; 49-90-0740, utility nozzle; 49-90-1000, double bend floor rod.

FURNACE CLEANING KIT
49-90-1650



FURNACE CLEANING KIT NO. 49-90-1650 All accessories needed for cleaning furnaces. Kit includes 1 each of the following: 49-90-0020, 10 ft. hose; 49-90-0080, 6 ft. metal hose; 49-90-0410, 27" crevice tool; 49-90-0460, rubber blower nozzle; 49-90-0740, utility nozzle.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY VACUUM CLEANERS

VACUUM MOTOR DESIGN

Model 8931 has a straight-thru motor for dry pick-up. Filters remove dirt from air before reaching the motor. Filtered air is drawn from tank...directed over electrical motor parts for cool efficient operation.

SEE PAGES 106, 107, 108 FOR COMPLETE VACUUM ACCESSORIES, ALSO MOTOR HEADS AND DRUM ADAPTER ASSEMBLY

NO. 8935
Steel 14" Dia.

NO. 8931
Steel 14" Dia.

NO. 8937
Stainless 14" Dia.
BOTTOM DRAIN VALVE FOR EASY WATER REMOVAL

NO. 8950
Steel 14" Dia.

NO. 8955
Steel 14" Dia.

WET/DRY VACUUM
121 CFM*

* Maximum Air Flow Cu. Ft./Min. with 1-1/2" Hose.

- **POWERFUL**
- **LIGHTWEIGHT**
- **DUAL FILTERS**
- **EASY TO OPERATE**

VACUUM CLEANER DOLLY NO. 49-90-1150
For use with Model 8950 ONLY.

GENERAL SPECIFICATIONS

All models are equipped with 1-1/2" O.D. hose connections, cord with 3-prong grounded plug, 3 hold-down clamps and (Except for model 8950) caddie with non-marring wheels.

CAT. NO.	FOR MATERIALS	RECOV. CAP GAL.	BU.	TANK	VOLTS	AMPS	MOTOR TYPE	MAX. AIR FLOW CU. FT./MIN.	SEALED SUCTION IN WATER	OVERALL DIMENSIONS WIDTH	HEIGHT	NET WGT. (LBS.)	SHP. WGT. (LBS.)
8935	WET or DRY	4-1/2	3/4	STEEL	120	8	2-Stage Bypass Motor	87	83"	17"	28"	35	45
8931	DRY ONLY	—	1/2	STEEL	120	7	Straight-Thru Motor	95		17"	25"	29	36
* **8937**	WET or DRY	4-1/2	3/4	STAINLESS	120	8	2-Stage Bypass Motor	87	83"	17"	28"	36	46
8950	WET or DRY	8	7/8	STEEL	120 AC, 60 Hz	7.4	1-Stage Bypass Motor	121	50"	16-3/4"	22-1/2"	18	25
8955	WET or DRY	10	1-1/8	STEEL	120 AC, 60 Hz	7.4	1-Stage Bypass Motor	121	50"	19-1/2"	38-1/2"	32	44

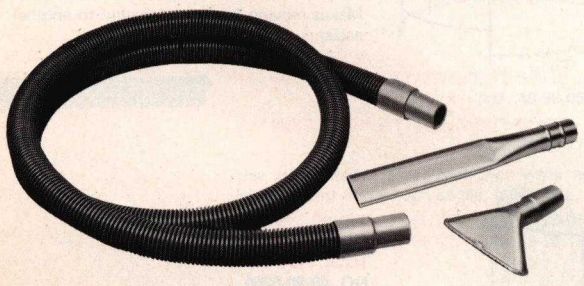
* Not available in Canada.

STANDARD EQUIPMENT

FOR MODEL 8935—Three paper filter bags, wet pick-up pan, cloth filter, gasket, wire frame assembly, swivel connector and wire hose carrier.
FOR MODEL 8931—Three paper filter bags, cloth filter, gasket, wire frame assembly, swivel connector and hose carrier.
FOR MODEL 8937—Three paper filter bags, wet pick-up conversion pan, cloth filter, gasket, wire frame assembly, swivel connector and wire hose carrier.
FOR MODEL 8950—7 ft. 1-1/2" I.D. vinyl hose, hose adaptor, cloth filter assembly and foam filter sleeve.
FOR MODEL 8955—7 ft. 1-1/2" I.D. vinyl hose, hose adaptor, cloth filter assembly, foam filter sleeve and 3 wheel dolly.

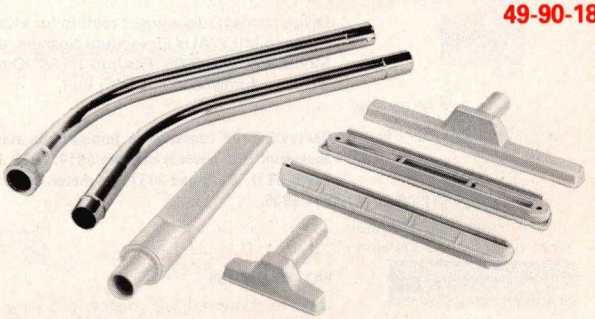
FOR CURRENT MODELS, ALSO FOR PREVIOUS MODELS 8910, 8915, 8916, 8921, 8930

AUTOMOTIVE KIT
49-90-1660



AUTOMOTIVE KIT NO. 49-90-1660 A kit especially designed for garages doing automotive work. Kit consists of 1 each of the following: 49-90-0060, 10 ft. hose; 49-90-0400, 15" crevice tool; 49-90-0740, utility nozzle.

VACUUM ACCESSORY KIT
49-90-1800



VACUUM ACCESSORY KIT NO. 49-90-1800 Accessories for general cleanup applications. Kit consists of 1 each of the following: 49-90-1765, wand; 49-90-1770, crevice tool; 49-90-1775, 6" nozzle; 49-90-1785, 14" squeegee shoe; 49-90-1790, 14" rug shoe; 49-90-1780, master nozzle.

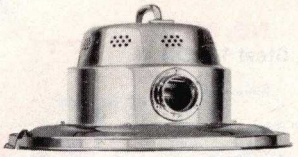
MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY VACUUM CLEANER ACCESSORIES

MOTOR HEADS AND DRUM ADAPTER ASSEMBLY

① **MOTOR HEAD ONLY** **NO. 8940**

The same powerful Motor Head as furnished with Model 8911 with 30' of cord. Requires use of 16" dia. Conversion Pan for wet pickup. Wire Frame Filter Cage, Cloth Filter and Gasket assembly and 16" Dacron Filter Bag required for dry pickup. Order these and all other accessories separately. Unit includes a swivel end connector, No. 49-90-0150. Net weight 14 lbs., Shipping weight 15 lbs.



MOTOR HEAD ONLY **NO. 8945**

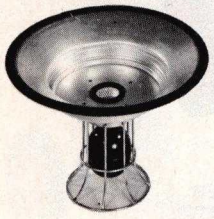
More powerful motor head adapts to all 16" diameter, 9 gallon units and larger for extra-duty applications. Same as furnished with models 8912, 8917 and 8925. Maximum air flow is 110 Cu. Ft./Min. with sealed suction water lift of 105". Unit comes with a 30' cord and requires the use of 16" diameter conversion pan for wet pickup. Wire frame filter cage, cloth filter, and gasket assembly and 16" dacron filter bag required for dry pickup. Order these and all accessories separately. Unit includes a swivel end connector, No. 49-90-0150. Net weight 15 lbs., Shipping weight 17 lbs.

② **DRUM ADAPTER** **NO. 49-90-1590**

Fits your 55 gal. drum. Gasket secures tightly to drum when vacuum is in operation. Adaptable to Motor Head 8940 and 8945 and those on Nos. 8911, 8912, 8917, 8925, previous models 8916, 8921 and 8925. Use 16" dia. accessories. Net weight 10 lbs., Shipping weight 11 lbs.

③ **DOLLY** **NO. 49-90-1100**

For 55 gal. drum. Sturdy steel construction with 4 wheels and long hinged handle. Drum easily tips off or on. Net weight 43 lbs., Shipping weight 45 lbs.



16" DIA. CONVERSION PAN
REQUIRED FOR WET PICK-UP
NO. 49-90-1610

16" DIA. WIRE FRAME FILTER CAGE, CLOTH FILTER AND GASKET ASSEMBLY
REQUIRED FOR DRY PICK-UP
NO. 49-90-0270
WIRE FRAME FILTER CAGE 16 DIA.
NO. 49-90-0260
CLOTH FILTER AND GASKET 16 DIA.

DACRON FILTER
REQUIRED FOR DRY PICK-UP
NO. 49-90-0320
Fits over 16" Dia. Cloth Filter Assembly

VACUUM HOSES — CONNECTORS — ACCESSORIES

CANVAS HOSE 10'
NO. 49-90-0020
Canvas covered, wire reinforced, rubber lined vacuum hose, 1-1/2" ID. Two straight molded cuff ends. Order swivel-end connector separately.*

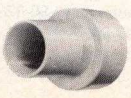
BLACK CANVAS HOSE 10'
NO. 49-90-0030
Canvas covered, wire reinforced, rubber lined vacuum hose. Strong resilient, 1-1/2" ID with two straight molded cuff ends. Order swivel-end connector separately.*

BLACK NEOPRENE HOSE
NO. 49-90-0040 15'
NO. 49-90-0050 25'
Neoprene lined, oil resistant, wire reinforced, 1-1/2" ID with two straight molded cuff ends. Order swivel-end connector separately.*

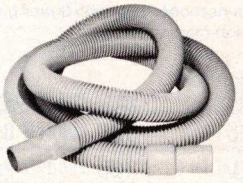
SWIVEL-END CONNECTOR*
NO. 49-90-0150
Quick connect/disconnect feature for attaching hoses to MILWAUKEE vacuum cleaners, except Model 8950 and 8955. Fits into 1-1/2" ID hoses. Same as furnished with each unit.

*** One swivel-end connector is furnished as standard equipment with vacuum cleaners 8911, 8912, 8917, 8925, 8931, 8935 and 8937 and motor heads 8940 and 8945.**

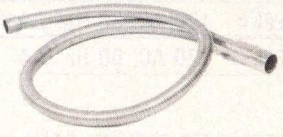
STEEL HOSE CONNECTOR
NO. 49-90-0195
Used to connect 1-1/2" hoses.



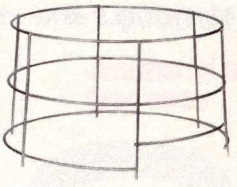
HOSE ADAPTER
NO. 49-90-0155
Adapts 1-1/2" ID hose to Model 8950 and 8955. Same as furnished with each unit.



WIRELESS VINYL HOSE
NO. 49-90-0090 7'
NO. 49-90-0060 10'
NO. 49-90-0070 25'
Crushproof multi-flex hose with no wire reinforcement. 1-1/2" ID with two molded cuff ends. Order swivel-end connector or hose adapter separately.*



METAL HOSE 6'
NO. 49-90-0080
For cleaning boiler tubes and furnaces. 1-1/4" OD fits into standard 1-1/2" ID hoses.

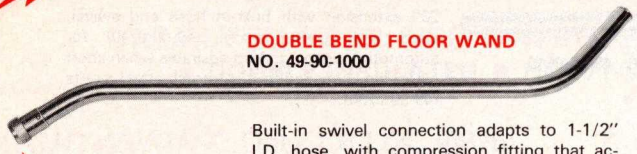


HOSE CARRIER
NO. 49-90-0170 FOR 14" TANKS
NO. 49-90-0180 FOR 16" TANKS
Ideal for neat safe storage of vacuum hoses. Makes moving from one location to another easier.

CANVAS STORE-ALL TOOL POUCH
NO. 49-90-0250
For Models 8911, 8912, 8917, 8921 and 8925.
Strong durable vinyl covered canvas pouch... makes toting extra tools easy.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY VACUUM CLEANER ACCESSORIES



DOUBLE BEND FLOOR WAND
NO. 49-90-1000

Built-in swivel connection adapts to 1-1/2" I.D. hose, with compression fitting that accommodates all floor tools. Made of chrome-plated steel.

MAJOR FLOOR TOOL NO. 49-90-0550

Major Floor Tool with two "quick turn" thumb screws for quick tool changing. Accommodates interchangeable 14" and 20" inserts and replacements. Supplied with 49-90-0610 bumper.

14" REPLACEMENT BUMPER FOR MAJOR FLOOR TOOL NO. 49-90-0610

14" BRISTLE SHOD SHOE
NO. 49-90-0560
20" BRISTLE SHOD SHOE
NO. 49-90-1750

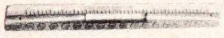
For Major Floor Tool. For rough floors, large wall and ceiling areas.

14" REPLACEMENT BRUSH STRIPS (2) NO. 49-90-0630
20" REPLACEMENT BRUSH STRIPS (2) NO. 49-90-1751

14" SQUEEGEE SHOE NO. 49-90-0580
20" SQUEEGEE SHOE NO. 49-90-1720

Use with Major Floor Tool. For fast drying of washed floors.

14" REPLACEMENT SQUEEGEE BLADES (4) NO. 49-90-0640
20" REPLACEMENT SQUEEGEE BLADES (4) NO. 49-90-1721



14" CARPET INSERT NO. 49-90-0600
20" CARPET INSERT NO. 49-90-1710

For Major Floor Tool. Bottom plate perfectly designed for cleaning rugs, carpeting.

14" FABRIC SHOD ATTACHMENT SHOE
NO. 49-90-0570
20" FABRIC SHOD ATTACHMENT SHOE
NO. 49-90-1730

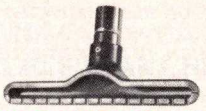
Use with Major Floor Tool. Suited for cleaning cement and concrete floors.

14" REPLACEMENT FABRIC STRIPS (2) NO. 49-90-0620
20" REPLACEMENT FABRIC STRIPS (2) NO. 49-90-1731

14" FELT SHOD ATTACHMENT SHOE
NO. 49-90-0590
20" FELT SHOD ATTACHMENT SHOE
NO. 49-90-1740

Use with Major Floor Tool. For walls and smooth hard floors such as tile, hardwood.

14" REPLACEMENT FELT BLADES (2) NO. 49-90-0650
20" REPLACEMENT FELT BLADES (2) NO. 49-90-1741

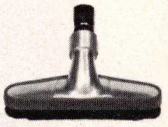


WIDE MOUTH GULPER
NO. 49-90-0540

Ideal for use on bare floors or rugs. 12" cleaning path. Compression Type, fits on Double Bend Floor Wand No. 49-90-1000.

NYLON BRISTLE BRUSH
NO. 49-90-0760

Heavy-duty cast aluminum, wide mouth nozzle. 10" cleaning path. Compression Type, fits on Double Bend Floor Wand No. 49-90-1000.



HORSE HAIR BRUSH
NO. 49-90-0750

Heavy-duty cast aluminum, wide mouth nozzle. 10" cleaning path. Compression Type, fits on Double Bend Floor Wand No. 49-90-1000.

NYLON BRISTLE BRUSH INSERT REPLACEMENT
NO. 49-90-0710

HORSE HAIR BRUSH INSERT REPLACEMENT
NO. 49-90-0700

PLASTIC BUMPER
NO. 49-90-0720

Replacement for horse hair and nylon bristle brushes.

NOTE: ACCESSORIES LISTED BELOW FIT ONLY TWO PIECE FLOOR WAND OR FIT DIRECTLY ON 1-1/2" I.D. HOSE

TWO PIECE DOUBLE BEND FLOOR WAND
NO. 49-90-1765

Two piece construction for easy storage. Made of chrome-plated steel. Adapts to all MILWAUKEE 1-1/2" I.D. hose. Compression fit connector accommodates Master Nozzle No. 49-90-1780.

14" MASTER NOZZLE NO. 49-90-1780

Economical,high impact, durable plastic construction. Master Nozzle with snap lock feature for use with rug shoe and squeegee shoe listed below.

14" RUG SHOE NO. 49-90-1790

For use with Master Nozzle No. 49-90-1780. Ideal for cleaning rugs and carpets.

14" SQUEEGEE SHOE NO. 49-90-1785

For use with Master Nozzle No. 49-90-1780. For fast drying of wet floors.

6" UTILITY NOZZLE NO. 49-90-1775

Economical, high impact, durable plastic construction. Fits 1-1/2" I.D. hose for upholstery cleaning and other small jobs.

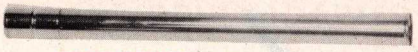
CREVICE TOOL
NO. 49-90-1770

Economical, high impact, durable plastic construction. Ideal for cleaning around equipment, behind radiators, hard to reach corners and crevices. Fits 1-1/2" I.D. hose.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY VACUUM CLEANER ACCESSORIES

NOTE: 20" EXTENSION RECOMMENDED FOR USE WITH UTILITY NOZZLE AND ROUND DUST BRUSH. (UTILITY NOZZLE AND ROUND DUST BRUSH MAY ALSO BE CONNECTED DIRECTLY TO ANY 1-1/2" I.D. HOSE.)



20" EXTENSION NO. 49-90-0510

20" extension with built-in hose end swivel. Used with utility nozzle (49-90-0740) for automotive cleaning. Also desirable when short extension is needed for dust brush attachments (49-90-0730).

ALUMINUM 6" UTILITY NOZZLE
NO. 49-90-0740
Taper fit utility and upholstery nozzle. Fits 1-1/2" I.D. hose. 6" cleaning path.

3" ROUND DUST BRUSH
NO. 49-90-0730
3" round dust brush with nylon bristles. Fits 1-1/2" I.D. hose.

CLAMP-ON NYLON BRISTLE BRUSH WITH BUMPER
NO. 49-90-0480
Attach directly to utility nozzle.

REPLACEMENT NYLON BRISTLE BRUSH INSERT
NO. 49-90-0680
For nylon bristle brush with bumper No. 49-90-0480.

REPLACEMENT BUMPER
NO. 49-90-0690
For nylon bristle brush.

REPLACEMENT BRUSH INSERT
NO. 49-90-0660
Replacement for round dust brush.

REPLACEMENT BUMPER
NO. 49-90-0670
For round dust brush.

27" METAL CREVICE TOOL NO. 49-90-0410
For cleaning behind radiators, other hard to reach corners and crevices.

15" METAL CREVICE TOOL NO. 49-90-0400
Fits 1-1/2" I.D. hose

FILTERS, FILTER CAGES CONVERSION PANS FOR VACUUM CLEANER NOS. 8911, 8912, 8917, 8925, 8931, 8935 and 8937 ONLY

WIRE FRAME FILTER CAGE, CLOTH FILTER AND GASKET ASSEMBLY

Available for both 14" and 16" dia. tanks. The filter assembly acts as a final filter for air leaving tank. To achieve the best possible results, the cloth filter gasket and wire frame must be maintained. Any wear holes or gasket leaks will allow dust and debris to blow through exhaust ports.

NO. 49-90-0290
Wire Frame Filter Cage 14" Dia.

NO. 49-90-0280
Cloth Filter and Gasket 14" Dia.

NO. 49-90-0270
Wire Frame Filter Cage 16" Dia.

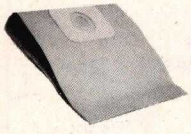
NO. 49-90-0260
Cloth Filter and Gasket 16" Dia.

WET PICK-UP CONVERSION PANS*

NO. 49-90-1620
Wet Pick-Up Conversion Pan 14" Dia. (Standard on Model 8935, 8937)

NO. 49-90-1610
Wet Pick-Up Conversion Pan 16" Dia. (Standard on Models 8911, 8912, 8917 and 8925)

*** NOT FOR USE ON MODEL NO. 8931 OR PREVIOUS MODEL NO. 8921.**



DISPOSABLE PAPER FILTER BAGS

Flame-resistant paper filter bags.

NO. 49-90-0311 (5 pack)
FOR 14" DIA. VACUUM CLEANER

NO. 49-90-0301 (5 pack)
FOR 16" DIA. VACUUM CLEANER

NO. 49-90-0350 (5 pack)
FOR 16" DIA. VACUUM CLEANER NO. 8925 ONLY.

DISPOSABLE PAPER FILTER BAGS NO. 49-90-0331 (5 pack)

Fits all 14" and 16" Vacuum Cleaners, quick and easy to install on vacuum tank. Ideally suited for use when vacuuming extremely fine dust directly into vacuum tank.

DACRON FILTER NO. 49-90-0320

Fits 14" and 16" dia. tanks. The dacron bag is suited for pick-up of medium fine dust as well as coarse sharp material. To be used without paper filter bags. Fits over cloth filter assembly.

DURABLE PLASTIC CREVICE TOOL NO. 49-90-1770

Economical, high impact, durable plastic construction. Ideal for cleaning around equipment, behind radiators, hard to reach corners and crevices.

DURABLE PLASTIC 6" UTILITY NOZZLE
NO. 49-90-1775

Economical, high impact, durable plastic construction. Fits 1-1/2" I.D. hose for upholstery cleaning and other small jobs.

RUBBER BLOWER NOZZLE
NO. 49-90-0460

For blowing dust and dirt out of cracks and inaccessible areas. Excellent for machinery.

FILTERS FOR VACUUM CLEANER NOS. 8950, 8955 ONLY

CLOTH FILTER ASSEMBLY
NO. 49-90-0285
For 8950 and 8955

FOAM FILTER SLEEVE
NO. 49-90-0770
Motor Filter for 8950 and 8955

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY HEAT GUNS

***UNLIMITED USES:* USE WHEREVER PORTABLE, FLAMELESS HEAT IS REQUIRED**

● DOUBLE INSULATED ● HEAVY-DUTY: UNIQUE IMPACT RESISTANT HEATING ELEMENT

LIGHTWEIGHT: Only 1.6 Lbs. (8975)
1.6 Lbs. (8977)

EFFICIENT SOFT AIR VELOCITY

The soft air velocity of MILWAUKEE Heat Guns increases the surface temperature to the required working temperature much faster than conventional hot air heat guns. It also maintains a higher surface temperature, allowing faster completion of any standard commercial or industrial applications.

APPLICATIONS:

Softens, Molds, Bends, and Forms Plastics
Pre-Dries Surfaces for Fast Preparation
Softens Caulking, Putty and Plastics
Strips Paint, Varnish and Lacquer
Repairs Auto Top Vinyl
Thaws Frozen Pipes
Shrink Fits Plastic Tubing
Dries Electric Lines and Cables
Removes Tiles, Floor Covering Materials
Loosens Overtightened Screws and Joints
Plastic Welds, PVC Coated Fabrics and Foils

USERS:

Plumbers, Painters, Floor Covering Installers, Technicians, Boat Builders, Food Processing, Industry, Mechanics, Contractors, Body Shops, Photographers, Schools, Laboratories

8975

DUAL TEMPERATURE
570° F and 1000° F

POSITION SWITCH
Rocker switch for off, high or low.

COOL AIR INLET
Design allows air movement at peak efficiency, even when tool is resting on support stand.

SUPPORT STAND
Enables Heat Gun to be stationary for workbench or assembly work, freeing both hands for use.

SELECT HEAT GUN ACCESSORY ASSORTMENT BELOW FOR REQUIRED NOZZLES FOR SPECIAL APPLICATIONS

8977

VARIABLE TEMPERATURE
212° F to 1000° F

NEW

Rotate rear housing to select temperature ranges from 212° F to 1000° F.

ROCKER SWITCH
For off or on.

SPECIFICATIONS

CATALOG NUMBER	8975 *	8977 *
VOLTS	120	120
AMPS	11.6	11.6
AIR VOLUME	14.8 cu. ft./min.	14.8 cu. ft./min.
AIR TEMPERATURES	Low 570° F High 1000° F	212° F to 1000° F
LENGTH (INCHES)	10-1/8	10-1/8
NET WGT. (LBS.)	1.6	1.6
SHIPPING WGT. (LBS.)	2	2

* Not available in Canada.

ACCESSORIES

HEAT GUN ACCESSORY ASSORTMENT
NO. 49-80-0300
Contains one each of accessories shown below

AIR REDUCTION NOZZLE
NO. 49-80-0297
For intensifying heat in specific areas—soldering.

HOOK NOZZLE
NO. 49-80-0292
When heat is needed to surround—bending, soldering pipe, shrinking tubing.

DEFLECTOR NOZZLE
NO. 49-80-0293
Deflects air away from glass when stripping paint or softening putty.

AIR SPREADER NOZZLE
NO. 49-80-0294
Intensifies heat for removing floor coverings, paint burning, vinyl top removal.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY BENCH GRINDERS

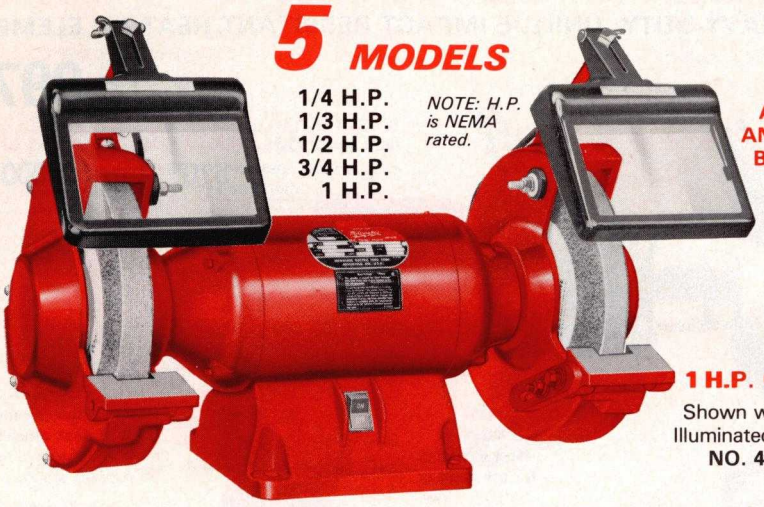
6 • 7 • 8 • 10 INCH WHEEL SIZES

5 MODELS

1/4 H.P.
1/3 H.P.
1/2 H.P.
3/4 H.P.
1 H.P.

NOTE: H.P. is NEMA rated.

ALL BALL AND ROLLER BEARINGS

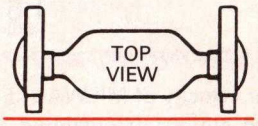


1 H.P. GRINDER

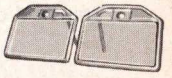
Shown with Optional Illuminated Eye Shields
NO. 49-62-0050

BELL TYPE CONSTRUCTION

SPECIAL FEATURE



Clearance in front of motor housing is important when grinding longer pieces.



Plastic Eye Shields No. 49-62-0100 are furnished as standard equipment. Shatter-Resistant glass Eye Shields and Illuminated Eye Shields are offered as optional accessories. Shields *must* be used when operating grinders.

SPECIFICATIONS

NEMA RATED H.P.	CATALOG NUMBER	VOLTS AC ONLY	AMPS	PHASE	SPEED RPM	WHEEL SIZE	HOLE DIA.	SPACE BETWEEN WHEELS	NET WGT. (LBS.)	SHP. WGT. (LBS.)
1/4	**4901**	115	2.6	1	3450	6″ × 5/8″	5/8″	9-7/8″	24	26
1/3	**4921**	115	2.9	1	3450	6″ × 3/4″	5/8″	11-13/16″	26	28
1/2	**4981**	115	4.0	1	3450	7″ × 1″	5/8″	13-5/8″	41	43
3/4	**5041**	115*	8.2	1	3450/2850●	8″ × 1″	5/8″	17-3/8″	58	60
1	**5081**	115*	12.8	1	1725/1425●	10″ × 1″	3/4″	18-1/8″	88	90

* 3/4 & 1 horsepower 60/50 hertz. All others are 60 hertz. ● RPM at 60/50 hertz.

STANDARD EQUIPMENT

Includes two balanced, vitrified wheels—one fine and one coarse grit—adjustable tool rests, spark deflectors and plastic eye shields. Pedestal and illuminated eye shields are listed below and are available as accessories. Wheels other than those supplied as standard equipment must be ordered separately.

PLASTIC EYE SHIELDS

NO. 49-62-0100 (pair) These protective eye shields are furnished as standard equipment on all MILWAUKEE Bench Grinders. Easily replaced when pitted. Supplied as a pair. Complete with attaching hardware for any MILWAUKEE Bench Grinder. Shp. Wt. 1 lb. per pair.

ILLUMINATED EYE SHIELD

NO. 49-62-0050 (as shown above on 1 H.P. Grinder) Metal frame holds 4″ × 6″ glass window...easily replaced when pitted. Long tube bulb eliminates shadow...separate cord with on-off switch operates on 120 Volts AC. Rigid support prevents swiveling. Available for 1/2, 3/4 and 1 H.P. bench grinders only. If pair required specify 2 units. Shp. Wt. 4 lbs. each.

GLASS EYE SHIELDS

NO. 49-62-0060 (pair) As shown at right on 1/2 H.P. Grinder. Frame holds 3″ × 5″ Shatter-Resistant glass. Mounting bracket included. Adaptable to all models. Shp. Wt. 4 lbs. per pair.

1/2 H.P. GRINDER

Mounted on Grinder Pedestal Shown with Optional Eye Shields NO. 49-62-0060

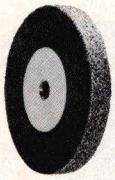
GRINDER PEDESTAL

NO. 49-39-0050 Heavy gray iron castings with tubular steel column. Removable water pot. Adaptable to all models. Height 34″. Shp. Wt. 54 lbs.

WHEELS FOR BENCH GRINDERS

NOTE: The maximum safe operating speed shown on the grinding wheels must be greater than the no load speed of the tool. Grinding Wheels are available in 24, 46 and 80 vitrified grit for all types of grinding. Knot Wire Brushes for removing rust, scale and file marks—made of select steel wires. Brushes have a face width of 3/4″. Cloth Buffing Wheels for buffing metal surfaces—made of multiple layers of select buffing cloth—securely sewed—can be dipped in an emery grit after coating with glue for finish grinding or rough polishing.

GRINDING WHEELS



	CATALOG NUMBER	SIZE (IN.)	HOLE DIA. (IN.)	MAX. WHEEL SPEED
24 GRIT	**49-92-3131**	6″ × 5/8″	1/2″-5/8″	4140
	49-92-3141	6″ × 3/4″	1/2″-5/8″	4140
	49-92-4201	7″ × 1″	5/8″	3600
	49-92-5301	8″ × 1″	5/8″	3600
	49-92-7201	10″ × 1″	3/4″	2485
46 GRIT	**49-92-3151**	6″ × 5/8″	1/2″ × 5/8″	4140
	49-92-3161	6″ × 3/4″	1/2″ × 5/8″	4140
	49-92-4221	7″ × 1″	5/8″	3600
	49-92-5321	8″ × 1″	5/8″	3600
	49-92-7221	10″ × 1″	3/4″	2485
80 GRIT	**49-92-3171**	6″ × 5/8″	1/2″ × 5/8″	4140
	49-92-3181	6″ × 3/4″	1/2″ × 5/8″	4140
	49-92-4241	7″ × 1″	5/8″	3600
	49-92-5341	8″ × 1″	5/8″	3600
	49-92-7241	10″ × 1″	3/4″	2485

KNOT WIRE BRUSHES

CATALOG NUMBER	SIZE (IN.)	HOLE (DIA.)	WIRE SIZE	MAX. WHEEL SPEED
48-52-2510★	6″	1/2″-5/8″	.014	8000
48-52-2610●	7″	5/8″	.014	5000
48-52-4810	10″	3/4″	.014	4500

★ For use with models 4901, 4921 and 4981.
● For use with model 5041 only.

CLOTH BUFFING WHEELS

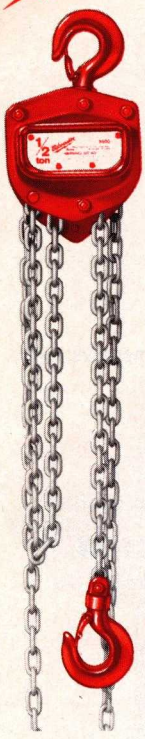
CATALOG NUMBER	SIZE (IN.)	HO DI
49-93-0080	6″ × 3/4″	1/2″
49-93-0090	6″ × 3/4″	5/8″
49-93-0100	7″ × 3/4″	5/8″
49-93-0110	10″ × 3/4″	3/4″

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

PROFESSIONAL HAND CHAIN HOISTS

VALUE ENGINEERED TO MAKE LIFTING EASIER

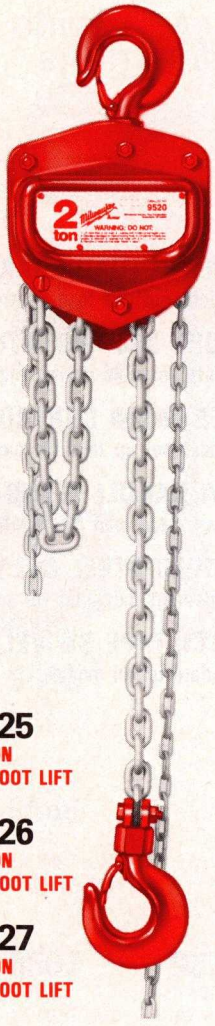
Not available in Canada



9500
1/2 TON
10 FOOT LIFT

9501
1/2 TON
15 FOOT LIFT

9502
1/2 TON
20 FOOT LIFT



9510
1 TON
10 FOOT LIFT

9511
1 TON
15 FOOT LIFT

9512
1 TON
20 FOOT LIFT

9520
2 TON
10 FOOT LIFT

9521
2 TON
15 FOOT LIFT

9522
2 TON
20 FOOT LIFT

9525
3 TON
10 FOOT LIFT

9526
3 TON
15 FOOT LIFT

9527
3 TON
20 FOOT LIFT

9528
5 TON
10 FOOT LIFT

9529
5 TON
20 FOOT LIFT

- **MECHANICAL LOAD BRAKE**
  Provides positive load control and spotting.
- **HEAT-TREATED STEEL SPUR GEARING**
  Reduces hand chain pull effort. Makes lifting easier.
- **COMPACT GEAR HOUSINGS**
  Allows use where headroom is limited.
- **PERMANENTLY LUBRICATED GEARS AND BEARINGS**
  Provide smooth operation and assure long life.
- **BEARING-MOUNTED PINIONS**
  Increase efficiency and ease of operation.
- **THROUGH-HARDENED LOAD CHAIN**
  Provides high strength and wear resistance.
- **LATCH-TYPE SWIVEL HOOKS**
  Standard on all models.

SPECIFICATIONS

CATALOG NUMBER	RATED LOAD (TON)	LIFT HEIGHT† (FT.)	MINIMUM DISTANCE BETWEEN HOOKS (INS.)	PULL REQUIRED TO LIFT RATED LOAD (LBS.)	APPROXIMATE SHIPPING WEIGHT (LBS.)	FEET OF CHAIN OVERALL TO LIFT 1 FOOT
9500	1/2	10	10-1/4	76	28	
9501●	1/2	15	10-1/4	76	31	21
9502	1/2	20	10-1/4	76	34	
9510	1	10	11-1/2	75	34	
9511●	1	15	11-1/2	75	38	44-1/2
9512	1	20	11-1/2	75	42	
9520	2	10	15	90	58	
9521●	2	15	15	90	65	69
9522	2	20	15	90	72	
9525	3	10	17-3/4	102	82	
9526●	3	15	17-3/4	102	91	83-1/2
9527●	3	20	17-3/4	102	100	
9528●	5	10	26-3/8	97	103	170
9529●	5	20	26-3/8	97	117	

† Hand chain drop is approximately two feet less than lift.
● Available, October 1986.

MILWAUKEE lifting tools meet the design and test requirements of all existing OSHA and ANSI Standards for Overhead Hoists.

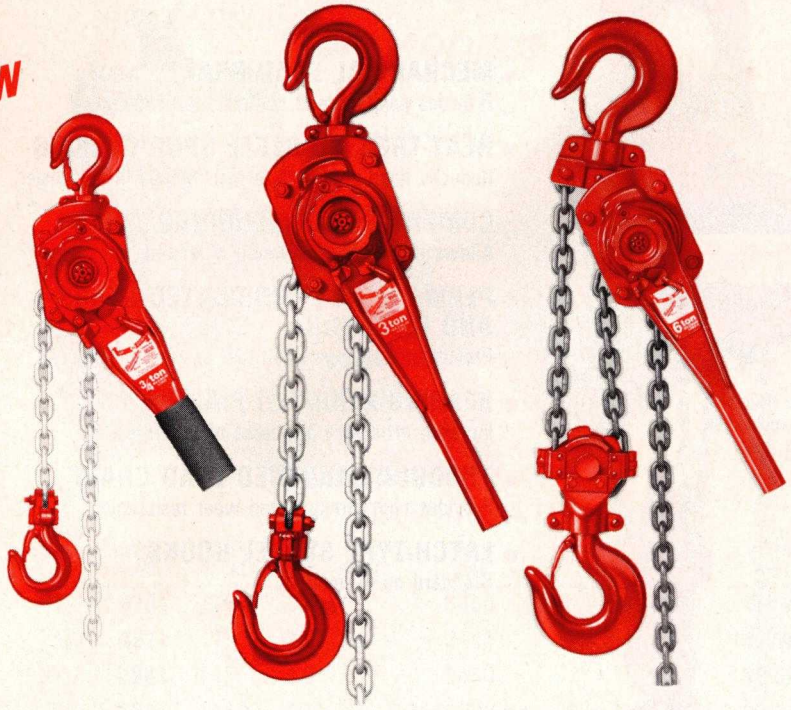
WARNING: **MILWAUKEE lifting tools are not to be used for lifting, supporting, or transporting people, nor for lifting loads over people.**

PROFESSIONAL STEEL-BODY LEVER HOISTS

PERFECT FOR WELDING, RIGGING, TENSIONING AND OVERALL MAINTENANCE OPERATIONS

NEW

Not available in Canada



- **BUILT-IN LOAD BRAKE**
  Provides positive load control and spotting.
- **SHORT 360° ROTATING HANDLE**
  Permits versatile positioning and excellent maneuverability.
- **FREE CHAIN CONTROL**
  Reduces set up time for ease of use.
- **LOW HANDLE EFFORT**
  Allows rated load to be lifted with minimum of effort
- **RUGGED STEEL BODY CONSTRUCTION**
  Lightweight, but built for years of hard work.
- **LATCH-TYPE SWIVEL HOOK**
  Standard on all models.

9530 3/4 TON 5 FOOT LIFT	**9540** 1-1/2 TON 5 FOOT LIFT	**9545** 3 TON 5 FOOT LIFT	**9548** 6 TON 5 FOOT LIFT
9531 3/4 TON 10 FOOT LIFT	**9541** 1-1/2 TON 10 FOOT LIFT	**9546** 3 TON 10 FOOT LIFT	**9549** 6 TON 20 FOOT LIFT
9532 3/4 TON 20 FOOT LIFT	**9542** 1-1/2 TON 20 FOOT LIFT	**9547** 3 TON 20 FOOT LIFT	

SPECIFICATIONS

CATALOG NUMBER	RATED LOAD (TON)	LIFT HEIGHT (FT.)	MINIMUM DISTANCE BETWEEN HOOKS (INS.)	PULL REQUIRED TO LIFT RATED LOAD (LBS.)	APPROXIMATE SHIPPING WEIGHT (LBS.)
9530	3/4	5	11-1/2	44	19
9531●	3/4	10	11-1/2	44	22
9532●	3/4	20	11-1/2	44	28
9540	1-1/2	5	14-1/4	48	30
9541●	1-1/2	10	14-1/4	48	35
9542●	1-1/2	20	14-1/4	48	44
9545	3	5	18-1/2	75	50
9546●	3	10	18-1/2	75	59
9547●	3	20	18-1/2	75	75
9548●	6	5	24-7/16	82	77
9549●	6	20	24-7/16	82	128

● Available, October 1986.

MILWAUKEE lifting tools meet the design and test requirements of all existing OSHA and ANSI Standards for Overhead Hoists.
WARNING: MILWAUKEE lifting tools are not to be used for lifting, supporting, or transporting people, nor for lifting loads over people.

PROFESSIONAL ELECTRIC CHAIN HOISTS

ENGINEERED FOR THE MOST DEMANDING INDUSTRIAL MATERIAL HANDLING JOBS

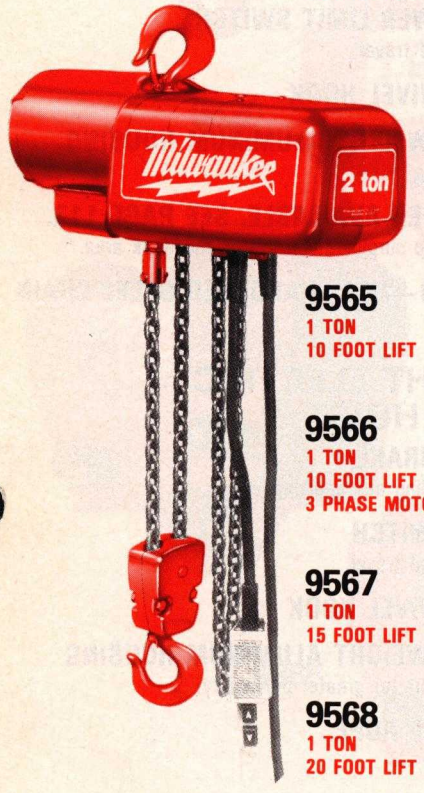
Not available in Canada

NEW

9560
1/2 TON
10 FOOT LIFT

9561
1/2 TON
15 FOOT LIFT

9562
1/2 TON
20 FOOT LIFT



9565
1 TON
10 FOOT LIFT

9566
1 TON
10 FOOT LIFT
3 PHASE MOTOR

9567
1 TON
15 FOOT LIFT

9570
2 TON
10 FOOT LIFT

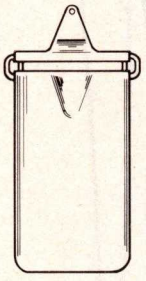
9572
2 TON
15 FOOT LIFT

9568
1 TON
20 FOOT LIFT

9571
2 TON
10 FOOT LIFT
3 PHASE MOTOR

9573
2 TON
20 FOOT LIFT

- **BUILT-IN, MULTIPLE-DISC, MAGNETIC BRAKE**
  Provides positive load holding and spotting.
- **ADJUSTABLE UPPER AND LOWER LIMIT SWITCHES**
  For maximum flexibility in regulating load travel.
- **OVERLOAD LIMITING CLUTCH**
  Guards against lifting damaging overloads while operating hoist.
- **SINGLE OR THREE-PHASE DUAL VOLTAGE MOTORS**
  Choose between 115/230V and 230/460VAC units to meet your operation's power requirements.
- **LATCH-TYPE SWIVEL HOOKS**
  Standard on all models.
- **RUGGED, LIGHTWEIGHT ALUMINUM HOUSING**
  Corrosion-resistant. Reduced weight allows greater portability.
- **24-VOLT PUSHBUTTON STATION**
  Fits user's hand to allow thumb, trigger or two-handed operation.
- **CHAIN CONTAINERS AVAILABLE**
  Recommended to keep surplus chain out of the work area. See chart below.



CHAIN CONTAINER

ELECTRIC CHAIN HOIST CATALOG NUMBER	CHAIN CONTAINER CATALOG NUMBER
9550	48-12-0115
9560 thru 9571	48-12-0111
9572	48-12-0112
9573	48-12-0113

SPECIFICATIONS

CATALOG NUMBER	RATED LOAD (TON)	LIFTING SPEED (FT./MIN.)	LIFT HEIGHT† (FT.)	MOTOR H.P.	MOTOR PHASE	MOTOR VOLTAGE (AC)	MOTOR AMPS AT LOW VOLTAGE	REEVING	APPROXIMATE SHIPPING WEIGHT (LBS.)
9560	1/2	16	10	1/2	SINGLE	115/230	9.8	SINGLE	79
9561	1/2	16	15	1/2	SINGLE	115/230	9.8	SINGLE	85
9562	1/2	16	20	1/2	SINGLE	115/230	9.8	SINGLE	103
9565	1	16	10	1	SINGLE	115/230	16.0	SINGLE	94
9566	1	16	10	1	THREE	230/460	3.3	SINGLE	94
9567	1	16	15	1	SINGLE	115/230	16.0	SINGLE	97
9568	1	16	20	1	SINGLE	115/230	16.0	SINGLE	103
9570	2	8	10	1	SINGLE	115/230	16.0	DOUBLE	103
9571	2	8	10	1	THREE	230/460	3.3	DOUBLE	103
9572	2	8	15	1	SINGLE	115/230	16.0	DOUBLE	110
9573	2	8	20	1	SINGLE	115/230	16.0	DOUBLE	118

† Pushbutton cable length: four feet less than lift.

MILWAUKEE lifting tools meet the design and test requirements of all existing OSHA and ANSI Standards for Overhead Hoists.

***WARNING:* MILWAUKEE lifting tools are not to be used for lifting, supporting, or transporting people, nor for lifting loads over people.**

PROFESSIONAL ELECTRIC HOISTS

QUALITY-BUILT ELECTRIC CHAIN AND WIRE ROPE MODELS HANDLE MOST LIFTING APPLICATIONS

NEW

9550
1/4 TON
10 FOOT LIFT

Not available in Canada

9555
1/4 TON
(WIRE ROPE)
10 FOOT LIFT

LIGHTWEIGHT ELECTRIC CHAIN HOIST

- **BUILT-IN DISC BRAKE**
  Provides positive load holding and spotting.
- **UPPER AND LOWER LIMIT SWITCH**
  Regulates overall load travel.
- **LATCH-TYPE SWIVEL HOOK**
- **RUGGED, LIGHTWEIGHT ALUMINUM HOUSING**
  For greater portability.
- **CHAIN CONTAINER AVAILABLE. SEE PAGE 113.**
  Recommended to keep surplus chain out of the work area.
- **DOUBLE REEVED—7/32" HARDENED STEEL CHAIN**

LIGHTWEIGHT ELECTRIC WIRE ROPE HOIST

- **BUILT-IN DISC BRAKE**
  Provides positive holding and spotting.
- **UPPER LIMIT SWITCH**
  Regulates upward load travel.
- **LATCH-TYPE SWIVEL HOOK**
- **RUGGED, LIGHTWEIGHT ALUMINUM HOUSING**
  Reduces overall weight for greater portability.
- **1/8" STEEL WIRE ROPE**

SPECIFICATIONS

CATALOG NUMBER	RATED LOAD (TON)	LIFTING SPEED (FT./MIN.)	LIFT HEIGHT† (FT.)	MOTOR				REEVING	APPROXIMATE SHIPPING WEIGHT (LBS.)
				H.P.	PHASE	VOLTAGE (AC)	AMPS		
Lightweight Electric Chain Hoist									
9550	1/4	8	10	1/6	SINGLE	115	3	DOUBLE	27
Lightweight Electric Wire Rope Hoist									
9555	1/4	10	10	1/6	SINGLE	115	3	DOUBLE	21

† Pushbutton cable length: four feet less than lift.

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PROFESSIONAL ADJUSTABLE TROLLEYS

OUTSTANDING VALUES COMPLETE AN OUTSTANDING LINE OF LIFTING PRODUCTS

Not available in Canada

NEW

9610
1/2 TON

9620
1 TON

- **CAN BE USED WITH ANY MILWAUKEE MANUAL OR ELECTRIC HOIST**
  Provides flexibility for a wide range of material handling applications.
- **FULLY ADJUSTABLE**
  Fits most standard and wide-flange I-beams.
- **PRECISION WHEELS**
  Roll heavy loads with ease.
- **PERMANENTLY SEALED PRECISION BALL BEARINGS**
  Prelubricated sealed bearings for long life and reduced maintenance.

9640 2 TON **9660** 3 TON

9665
5 TON

SPECIFICATIONS

CATALOG NUMBER	RATED LOAD (TON)	FITS I-BEAM SIZE† (INS.)	FITS FLANGE WIDTH (INS.)	MINIMUM CURVE RADIUS (INS.)	WHEEL TREAD DIAMETER (INS.)	APPROXIMATE SHIPPING WEIGHT (LBS.)
9610	1/2	4-10	2.66-4.66	36	2-1/4	14
9620	1	5-12	3.00-5.07	48	2-3/4	23
9640	2	6-18	3.33-6.00	60	4-3/8	52
9660	3	8-20	4.00-6.25	60	4-1/4	60
9665●	5	10-24	4.66-7.24	60	4-3/8	96

† American Standard I-beam.
● Available, October 1986.

MILWAUKEE lifting tools meet the design and test requirements of all existing OSHA and ANSI Standards for Overhead Hoists.
WARNING: MILWAUKEE lifting tools are not to be used for lifting, supporting, or transporting people, nor for lifting loads over people.

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HEAVY-DUTY TOOLS

for the Professional